

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: P627053 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-740-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627053 (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-SA2E-740-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N55
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

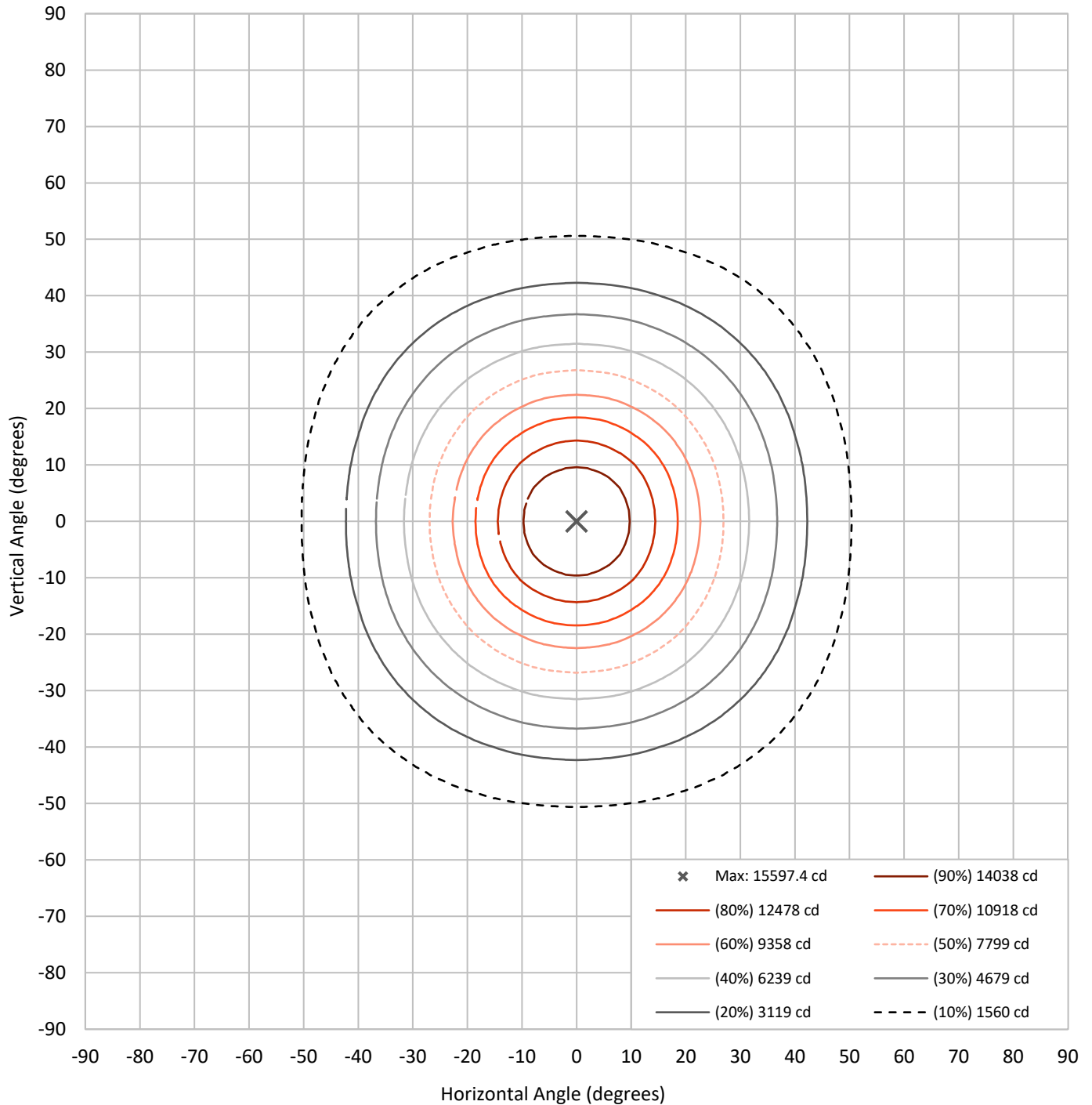
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15874.5 lumens	Max Intensity:	15597.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	126.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' 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:	7590.2 lumens	Field Lumens:	14009.8 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	125.7		
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





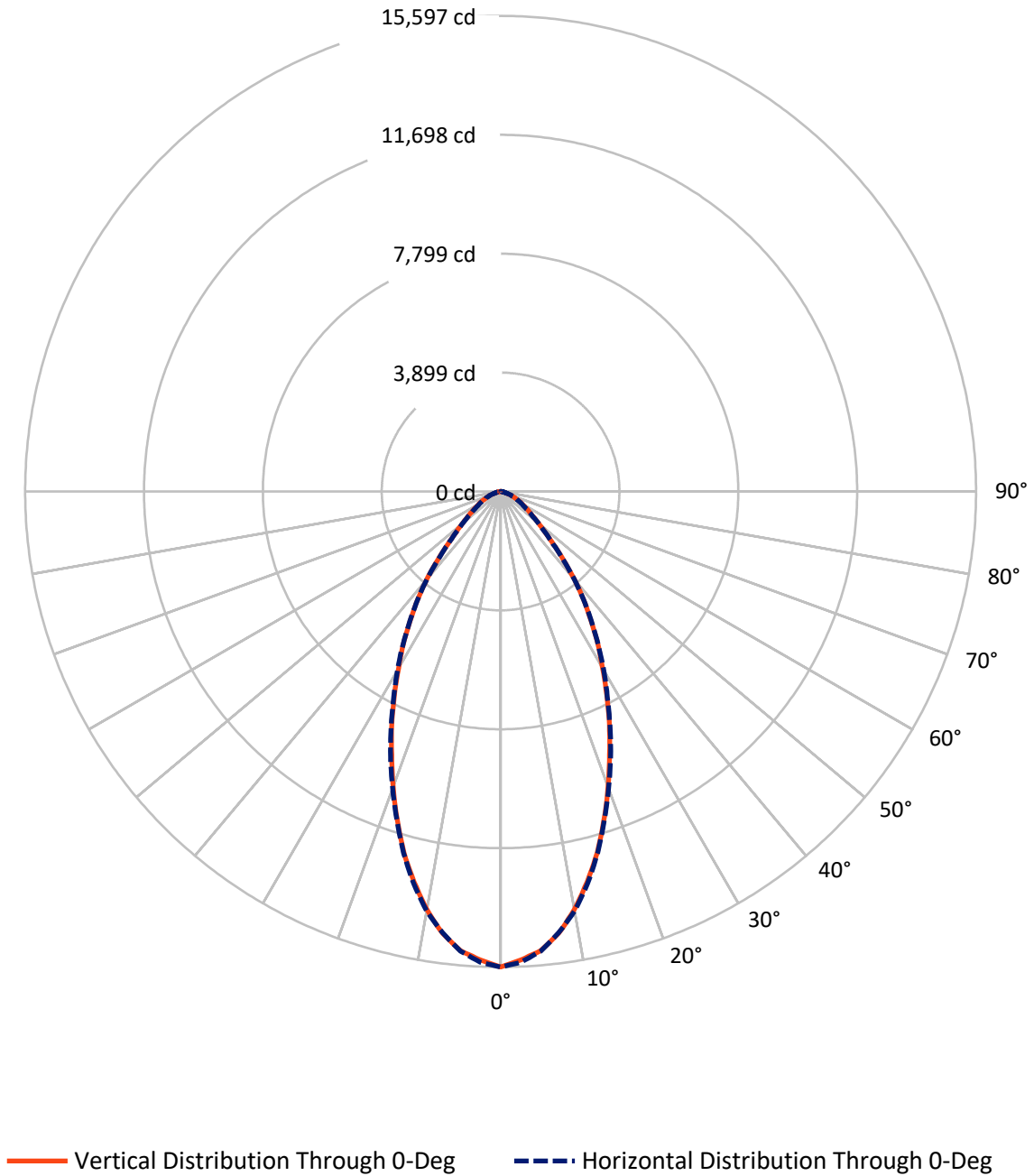
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Lumen Table

90																			
80	0.6	4.4		10.0		16.6		14.2		16.6		10.0		4.4		0.6			
70																			
60	2.1	2.4	4.6	7.3	10.6	13.7	16.1	17.3	17.3	16.1	13.7	10.6	7.3	4.6	2.4	2.1			
50		3.4	6.9	11.9	18.3	25.1	31.4	35.0	35.0	31.4	25.1	18.3	11.9	6.9	3.4				
40	3.0	4.4	9.5	17.8	30.0	46.1	63.5	75.2	75.2	63.5	46.1	30.0	17.8	9.5	4.4	3.0			
30		5.3	12.5	25.8	50.3	89.3	129.8	154.0	154.0	129.8	89.3	50.3	25.8	12.5	5.3				
20	3.6	6.2	15.5	36.2	81.3	146.2	209.2	250.1	250.1	209.2	146.2	81.3	36.2	15.5	6.2	3.6			
10		6.9	18.2	46.9	111.0	197.4	291.5	358.6	358.6	291.5	197.4	111.0	46.9	18.2	6.9				
0	3.8	7.2	19.7	53.9	127.8	229.5	349.3	439.3	439.3	349.3	229.5	127.8	53.9	19.7	7.2	3.8			
-10		7.2	19.7	53.9	127.8	229.5	349.3	439.3	439.3	349.3	229.5	127.8	53.9	19.7	7.2				
-20	3.6	6.9	18.2	46.9	111.0	197.4	291.5	358.6	358.6	291.5	197.4	111.0	46.9	18.2	6.9	3.6			
-30		6.2	15.5	36.2	81.3	146.2	209.2	250.1	250.1	209.2	146.2	81.3	36.2	15.5	6.2				
-40	3.0	5.3	12.5	25.8	50.3	89.3	129.8	154.0	154.0	129.8	89.3	50.3	25.8	12.5	5.3	3.0			
-50		4.4	9.5	17.8	30.0	46.1	63.5	75.2	75.2	63.5	46.1	30.0	17.8	9.5	4.4				
-60	2.1	3.4	6.9	11.9	18.3	25.1	31.4	35.0	35.0	31.4	25.1	18.3	11.9	6.9	3.4	2.1			
-70		2.4	4.6	7.3	10.6	13.7	16.1	17.3	17.3	16.1	13.7	10.6	7.3	4.6	2.4				
-80																			
-90	0.6	4.4		10.0		16.6		14.2		16.6		10.0		4.4		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

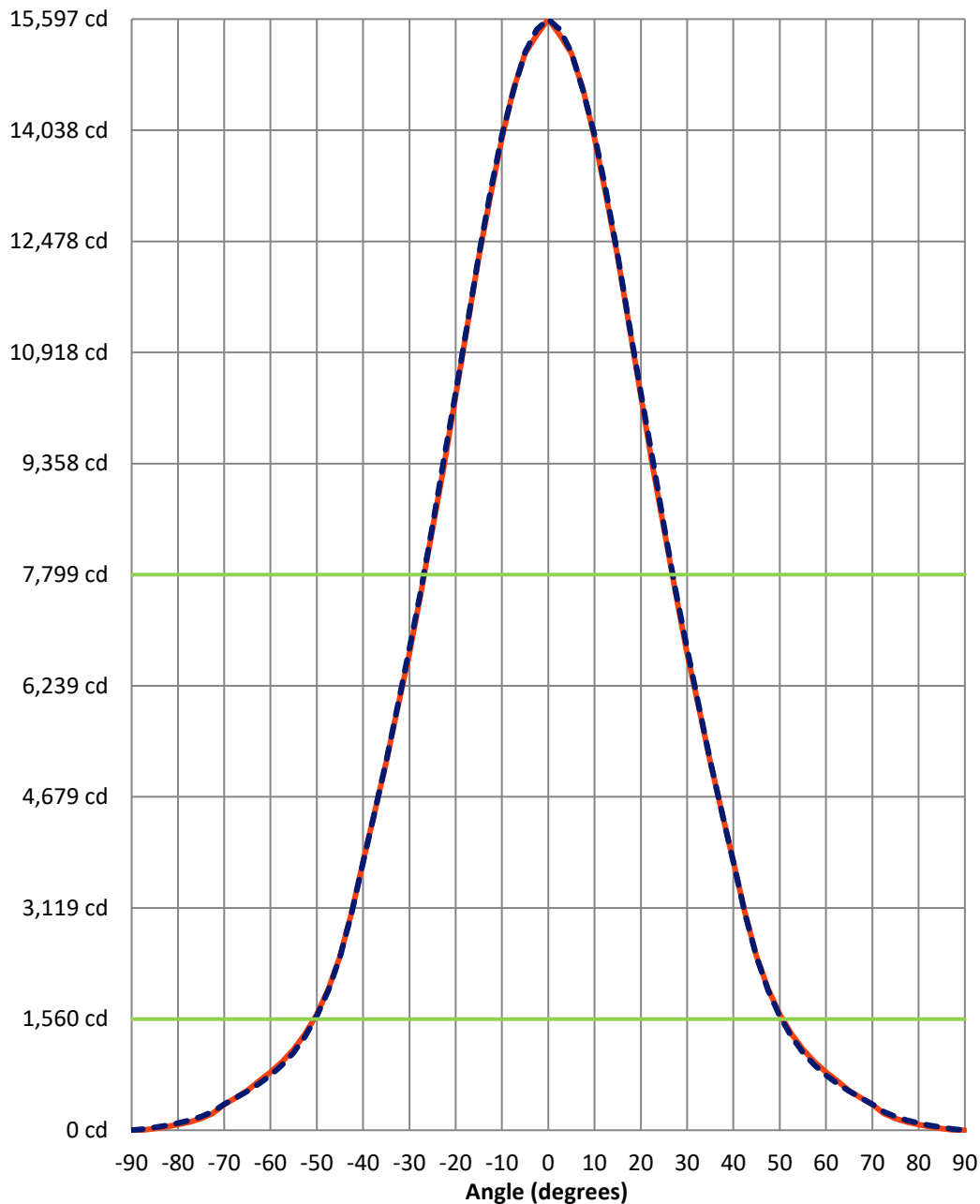
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 7590.2
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 14009.8
 Efficiency: 88.3%

Spill:
 Lumens: 1864.7
 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	0.8	1.8	3.0	4.3	5.8	7.4	8.2	8.9	9.4	9.8
85°	0.0	1.6	3.6	6.0	8.6	11.5	14.8	16.4	17.7	18.8	19.5
82.5°	0.0	2.4	5.4	8.9	12.8	17.3	22.2	24.6	27.1	31.4	35.2
80°	0.0	3.1	7.2	11.8	17.1	22.9	30.1	37.4	43.7	49.3	54.3
77.5°	0.0	3.9	9.0	14.7	21.2	29.8	42.9	52.4	60.2	67.2	74.3
75°	0.0	4.7	10.7	17.5	25.7	39.0	55.4	67.3	76.7	86.3	96.6
72.5°	0.0	5.4	12.4	20.3	31.8	47.9	67.5	82.0	93.3	105.6	118.6
70°	0.0	6.1	14.1	23.2	37.7	56.4	78.9	95.8	109.7	124.5	141.9
67.5°	0.0	6.9	15.7	26.8	43.4	64.5	88.9	109.4	125.6	144.0	164.9
65°	0.0	7.6	17.2	30.3	48.8	72.0	98.4	122.6	141.4	162.9	186.7
62.5°	0.0	8.2	18.7	33.6	53.9	78.9	107.3	135.2	156.5	180.9	207.0
60°	0.0	8.9	20.1	36.7	58.6	85.3	115.7	147.1	171.0	198.4	226.7
57.5°	0.0	9.5	21.9	39.5	63.0	91.3	123.2	157.9	185.6	215.3	244.8
55°	0.0	10.1	23.6	42.2	67.2	96.8	130.2	166.4	199.8	231.5	262.1
52.5°	0.0	10.7	25.2	44.6	70.9	101.9	136.6	175.7	213.5	246.9	279.1
50°	0.0	11.3	26.8	46.8	74.4	106.5	142.4	184.4	226.8	261.9	297.6
47.5°	0.0	11.8	28.3	48.9	77.4	110.7	147.8	192.4	239.8	276.6	315.9
45°	0.0	12.3	29.7	50.9	80.1	114.4	153.8	199.6	249.2	292.4	333.5
42.5°	0.0	12.7	31.0	52.6	82.4	117.6	159.2	206.6	257.7	307.6	351.8
40°	0.0	13.1	32.2	54.5	84.5	120.3	163.9	213.4	266.2	321.8	369.5
37.5°	0.0	13.5	33.4	56.5	86.4	122.5	168.0	219.5	275.5	333.0	386.3
35°	0.0	13.9	34.5	58.3	87.9	125.0	171.3	225.0	284.4	345.3	403.5
32.5°	0.0	14.2	35.4	60.0	89.1	127.4	174.4	229.8	292.9	357.8	421.0
30°	0.0	14.5	36.3	61.4	89.9	129.2	177.8	234.5	300.9	370.5	437.5
27.5°	0.0	14.8	37.1	62.8	91.8	130.5	180.6	240.3	309.2	383.1	453.0
25°	0.0	15.0	37.8	63.9	93.6	131.3	182.8	245.5	318.6	395.5	467.5
22.5°	0.0	15.2	38.5	64.9	95.3	132.4	184.3	250.1	327.5	406.9	483.3
20°	0.0	15.4	39.0	65.7	96.7	134.8	185.2	253.9	335.9	417.1	497.5
17.5°	0.0	15.5	39.4	66.3	97.8	136.7	187.3	257.1	343.6	426.2	510.0
15°	0.0	15.6	39.7	66.8	98.8	138.3	189.8	260.0	350.6	434.0	520.7
12.5°	0.0	15.6	40.0	67.1	99.4	139.4	191.6	262.7	356.5	440.5	529.6
10°	0.0	15.6	40.1	67.2	99.9	140.1	192.7	264.2	361.1	445.9	536.8
7.5°	0.0	15.6	40.1	67.2	100.1	140.4	193.2	264.5	364.3	450.1	542.4
5°	0.0	15.6	40.1	67.0	100.1	140.3	193.0	263.7	366.0	452.9	546.1
2.5°	0.0	15.5	39.9	66.6	99.8	139.8	192.2	261.9	366.3	454.3	548.0
0°	0.0	15.4	39.7	66.1	99.2	138.9	190.7	259.1	364.9	454.2	547.9
-2.5°	0.0	15.5	39.9	66.6	99.8	139.8	192.2	261.9	366.3	454.3	548.0
-5°	0.0	15.6	40.1	67.0	100.1	140.3	193.0	263.7	366.0	452.9	546.1
-7.5°	0.0	15.6	40.1	67.2	100.1	140.4	193.2	264.5	364.3	450.1	542.4
-10°	0.0	15.6	40.1	67.2	99.9	140.1	192.7	264.2	361.1	445.9	536.8
-12.5°	0.0	15.6	40.0	67.1	99.4	139.4	191.6	262.7	356.5	440.5	529.6
-15°	0.0	15.6	39.7	66.8	98.8	138.3	189.8	260.0	350.6	434.0	520.7
-17.5°	0.0	15.5	39.4	66.3	97.8	136.7	187.3	257.1	343.6	426.2	510.0
-20°	0.0	15.4	39.0	65.7	96.7	134.8	185.2	253.9	335.9	417.1	497.5

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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	15.2	38.5	64.9	95.3	132.4	184.3	250.1	327.5	406.9	483.3
-25°	0.0	15.0	37.8	63.9	93.6	131.3	182.8	245.5	318.6	395.5	467.5
-27.5°	0.0	14.8	37.1	62.8	91.8	130.5	180.6	240.3	309.2	383.1	453.0
-30°	0.0	14.5	36.3	61.4	89.9	129.2	177.8	234.5	300.9	370.5	437.5
-32.5°	0.0	14.2	35.4	60.0	89.1	127.4	174.4	229.8	292.9	357.8	421.0
-35°	0.0	13.9	34.5	58.3	87.9	125.0	171.3	225.0	284.4	345.3	403.5
-37.5°	0.0	13.5	33.4	56.5	86.4	122.5	168.0	219.5	275.5	333.0	386.3
-40°	0.0	13.1	32.2	54.5	84.5	120.3	163.9	213.4	266.2	321.8	369.5
-42.5°	0.0	12.7	31.0	52.6	82.4	117.6	159.2	206.6	257.7	307.6	351.8
-45°	0.0	12.3	29.7	50.9	80.1	114.4	153.8	199.6	249.2	292.4	333.5
-47.5°	0.0	11.8	28.3	48.9	77.4	110.7	147.8	192.4	239.8	276.6	315.9
-50°	0.0	11.3	26.8	46.8	74.4	106.5	142.4	184.4	226.8	261.9	297.6
-52.5°	0.0	10.7	25.2	44.6	70.9	101.9	136.6	175.7	213.5	246.9	279.1
-55°	0.0	10.1	23.6	42.2	67.2	96.8	130.2	166.4	199.8	231.5	262.1
-57.5°	0.0	9.5	21.9	39.5	63.0	91.3	123.2	157.9	185.6	215.3	244.8
-60°	0.0	8.9	20.1	36.7	58.6	85.3	115.7	147.1	171.0	198.4	226.7
-62.5°	0.0	8.2	18.7	33.6	53.9	78.9	107.3	135.2	156.5	180.9	207.0
-65°	0.0	7.6	17.2	30.3	48.8	72.0	98.4	122.6	141.4	162.9	186.7
-67.5°	0.0	6.9	15.7	26.8	43.4	64.5	88.9	109.4	125.6	144.0	164.9
-70°	0.0	6.1	14.1	23.2	37.7	56.4	78.9	95.8	109.7	124.5	141.9
-72.5°	0.0	5.4	12.4	20.3	31.8	47.9	67.5	82.0	93.3	105.6	118.6
-75°	0.0	4.7	10.7	17.5	25.7	39.0	55.4	67.3	76.7	86.3	96.6
-77.5°	0.0	3.9	9.0	14.7	21.2	29.8	42.9	52.4	60.2	67.2	74.3
-80°	0.0	3.1	7.2	11.8	17.1	22.9	30.1	37.4	43.7	49.3	54.3
-82.5°	0.0	2.4	5.4	8.9	12.8	17.3	22.2	24.6	27.1	31.4	35.2
-85°	0.0	1.6	3.6	6.0	8.6	11.5	14.8	16.4	17.7	18.8	19.5
-87.5°	0.0	0.8	1.8	3.0	4.3	5.8	7.4	8.2	8.9	9.4	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



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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°	9.9	9.9	9.8	9.5	9.0	8.5	7.8	7.0	7.3	7.6	7.9
85°	19.8	19.8	21.5	23.0	23.7	23.8	23.4	22.4	25.3	28.6	32.1
82.5°	38.8	42.1	45.3	48.3	48.6	47.9	46.4	44.7	50.6	57.7	65.2
80°	59.4	64.4	70.1	75.5	76.7	76.2	74.6	71.9	79.7	90.6	102.5
77.5°	82.5	90.4	97.7	104.5	106.5	106.2	105.0	102.8	112.7	127.9	143.7
75°	106.9	116.4	125.9	134.2	137.8	138.1	137.7	140.0	153.0	170.8	186.5
72.5°	132.3	144.4	155.1	164.3	170.0	174.3	180.1	187.1	200.3	217.8	233.2
70°	159.1	172.6	183.8	194.0	202.7	212.2	224.4	236.5	250.4	267.9	283.9
67.5°	185.5	199.2	211.9	224.4	240.3	255.6	270.8	286.6	304.0	322.4	338.6
65°	210.1	225.5	241.0	259.1	279.8	297.1	315.8	336.4	359.3	379.9	398.8
62.5°	233.6	251.0	270.2	292.1	314.5	336.1	361.3	387.7	414.5	440.4	466.1
60°	253.5	275.2	298.4	323.1	349.0	378.5	408.0	439.4	471.4	502.6	534.4
57.5°	272.6	299.4	326.2	355.0	387.3	421.0	456.4	491.8	530.0	567.7	603.8
55°	292.4	324.0	354.5	388.7	425.7	465.3	505.2	548.1	590.3	637.8	681.6
52.5°	313.6	348.0	383.9	422.9	466.1	510.8	557.6	606.8	659.3	712.1	765.7
50°	334.2	373.1	413.0	459.7	508.0	559.0	613.1	670.4	731.5	792.7	857.5
47.5°	355.9	397.3	446.0	496.7	552.1	610.2	671.4	739.5	807.5	884.5	958.9
45°	377.2	424.8	477.7	536.6	597.4	662.8	735.6	810.4	897.2	984.2	1081.9
42.5°	397.7	452.6	512.2	575.2	644.4	719.5	800.1	894.3	992.1	1099.7	1214.4
40°	421.2	479.1	546.3	616.8	691.7	777.5	874.5	979.1	1098.4	1225.9	1356.1
37.5°	444.0	509.0	579.9	656.4	743.3	840.0	947.1	1075.2	1212.9	1357.8	1535.0
35°	465.4	537.5	614.6	698.3	792.4	904.5	1032.6	1174.2	1332.7	1519.7	1726.5
32.5°	488.1	564.5	647.2	741.2	847.7	970.1	1115.6	1282.3	1469.9	1682.9	1941.6
30°	510.9	592.2	679.7	781.3	899.9	1041.6	1206.8	1391.1	1606.9	1874.0	2177.8
27.5°	532.1	618.2	714.0	823.9	950.6	1107.4	1294.5	1510.5	1764.8	2066.6	2421.5
25°	551.6	641.8	745.5	864.4	1006.6	1178.5	1381.4	1620.5	1922.7	2282.6	2719.2
22.5°	570.1	663.3	774.0	900.8	1057.0	1247.4	1475.6	1749.3	2083.4	2487.3	3010.8
20°	587.5	686.6	802.3	935.7	1102.0	1309.5	1562.3	1869.5	2249.7	2727.8	3296.8
17.5°	602.8	707.1	829.1	973.4	1152.2	1372.6	1644.1	1975.7	2397.7	2942.7	3560.7
15°	615.9	724.8	852.2	1006.1	1197.4	1435.4	1729.9	2092.1	2552.2	3138.0	3792.3
12.5°	626.8	739.7	871.7	1033.6	1235.4	1488.5	1803.1	2195.8	2702.6	3322.0	3995.8
10°	635.6	751.6	887.3	1055.7	1266.0	1531.6	1863.5	2280.6	2827.7	3479.8	4167.8
7.5°	642.8	760.8	899.4	1072.6	1289.1	1564.5	1910.5	2346.1	2925.5	3604.7	4299.9
5°	648.0	767.5	908.5	1084.3	1306.1	1587.4	1943.3	2391.9	2995.1	3695.2	4390.2
2.5°	650.9	771.1	913.7	1090.5	1316.5	1600.4	1960.6	2420.6	3033.4	3746.8	4444.8
0°	651.5	771.7	915.0	1091.3	1319.5	1602.8	1963.3	2429.6	3041.4	3760.2	4464.6
-2.5°	650.9	771.1	913.7	1090.5	1316.5	1600.4	1960.6	2420.6	3033.4	3746.8	4444.8
-5°	648.0	767.5	908.5	1084.3	1306.1	1587.4	1943.3	2391.9	2995.1	3695.2	4390.2
-7.5°	642.8	760.8	899.4	1072.6	1289.1	1564.5	1910.5	2346.1	2925.5	3604.7	4299.9
-10°	635.6	751.6	887.3	1055.7	1266.0	1531.6	1863.5	2280.6	2827.7	3479.8	4167.8
-12.5°	626.8	739.7	871.7	1033.6	1235.4	1488.5	1803.1	2195.8	2702.6	3322.0	3995.8
-15°	615.9	724.8	852.2	1006.1	1197.4	1435.4	1729.9	2092.1	2552.2	3138.0	3792.3
-17.5°	602.8	707.1	829.1	973.4	1152.2	1372.6	1644.1	1975.7	2397.7	2942.7	3560.7
-20°	587.5	686.6	802.3	935.7	1102.0	1309.5	1562.3	1869.5	2249.7	2727.8	3296.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627053 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	570.1	663.3	774.0	900.8	1057.0	1247.4	1475.6	1749.3	2083.4	2487.3	3010.8
-25°	551.6	641.8	745.5	864.4	1006.6	1178.5	1381.4	1620.5	1922.7	2282.6	2719.2
-27.5°	532.1	618.2	714.0	823.9	950.6	1107.4	1294.5	1510.5	1764.8	2066.6	2421.5
-30°	510.9	592.2	679.7	781.3	899.9	1041.6	1206.8	1391.1	1606.9	1874.0	2177.8
-32.5°	488.1	564.5	647.2	741.2	847.7	970.1	1115.6	1282.3	1469.9	1682.9	1941.6
-35°	465.4	537.5	614.6	698.3	792.4	904.5	1032.6	1174.2	1332.7	1519.7	1726.5
-37.5°	444.0	509.0	579.9	656.4	743.3	840.0	947.1	1075.2	1212.9	1357.8	1535.0
-40°	421.2	479.1	546.3	616.8	691.7	777.5	874.5	979.1	1098.4	1225.9	1356.1
-42.5°	397.7	452.6	512.2	575.2	644.4	719.5	800.1	894.3	992.1	1099.7	1214.4
-45°	377.2	424.8	477.7	536.6	597.4	662.8	735.6	810.4	897.2	984.2	1081.9
-47.5°	355.9	397.3	446.0	496.7	552.1	610.2	671.4	739.5	807.5	884.5	958.9
-50°	334.2	373.1	413.0	459.7	508.0	559.0	613.1	670.4	731.5	792.7	857.5
-52.5°	313.6	348.0	383.9	422.9	466.1	510.8	557.6	606.8	659.3	712.1	765.7
-55°	292.4	324.0	354.5	388.7	425.7	465.3	505.2	548.1	590.3	637.8	681.6
-57.5°	272.6	299.4	326.2	355.0	387.3	421.0	456.4	491.8	530.0	567.7	603.8
-60°	253.5	275.2	298.4	323.1	349.0	378.5	408.0	439.4	471.4	502.6	534.4
-62.5°	233.6	251.0	270.2	292.1	314.5	336.1	361.3	387.7	414.5	440.4	466.1
-65°	210.1	225.5	241.0	259.1	279.8	297.1	315.8	336.4	359.3	379.9	398.8
-67.5°	185.5	199.2	211.9	224.4	240.3	255.6	270.8	286.6	304.0	322.4	338.6
-70°	159.1	172.6	183.8	194.0	202.7	212.2	224.4	236.5	250.4	267.9	283.9
-72.5°	132.3	144.4	155.1	164.3	170.0	174.3	180.1	187.1	200.3	217.8	233.2
-75°	106.9	116.4	125.9	134.2	137.8	138.1	137.7	140.0	153.0	170.8	186.5
-77.5°	82.5	90.4	97.7	104.5	106.5	106.2	105.0	102.8	112.7	127.9	143.7
-80°	59.4	64.4	70.1	75.5	76.7	76.2	74.6	71.9	79.7	90.6	102.5
-82.5°	38.8	42.1	45.3	48.3	48.6	47.9	46.4	44.7	50.6	57.7	65.2
-85°	19.8	19.8	21.5	23.0	23.7	23.8	23.4	22.4	25.3	28.6	32.1
-87.5°	9.9	9.9	9.8	9.5	9.0	8.5	7.8	7.0	7.3	7.6	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627053 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	8.1	7.9	7.6	7.3	7.0	6.9	6.7	6.6	6.4	5.9	5.4
85°	35.8	36.6	37.1	37.3	37.3	38.5	39.6	40.6	41.5	37.7	33.4
82.5°	72.9	76.3	79.3	82.3	85.2	87.3	88.8	89.9	90.6	82.0	72.4
80°	114.7	121.9	127.8	133.5	139.0	140.3	140.3	139.6	138.1	126.3	113.0
77.5°	159.6	169.0	176.4	183.8	191.1	193.8	195.1	196.1	196.8	182.2	164.4
75°	200.2	211.4	221.9	231.6	240.6	245.4	248.1	250.4	252.2	237.6	218.4
72.5°	246.6	258.5	269.8	280.6	290.1	296.4	300.5	303.8	306.5	298.2	286.2
70°	297.6	309.9	321.9	333.0	343.8	352.3	358.9	364.6	369.4	370.3	369.9
67.5°	354.3	368.8	383.0	395.2	407.9	419.9	430.3	439.1	446.0	450.6	453.2
65°	417.8	439.7	459.1	475.5	489.2	505.2	519.2	530.0	537.5	543.3	548.2
62.5°	492.7	519.2	541.4	563.3	585.9	607.9	621.7	635.5	649.0	661.7	672.6
60°	564.8	593.8	623.8	651.9	677.8	701.6	726.3	748.2	767.4	783.4	795.3
57.5°	641.6	676.9	711.1	746.7	780.2	811.4	841.9	870.0	894.4	914.8	931.6
55°	725.0	768.2	808.8	854.0	897.7	937.6	974.4	1012.0	1046.0	1075.9	1099.6
52.5°	814.9	871.0	924.8	977.8	1034.6	1085.7	1131.5	1183.8	1230.1	1268.4	1298.2
50°	922.2	988.2	1059.2	1124.9	1196.4	1266.9	1331.9	1394.8	1456.4	1509.6	1552.7
47.5°	1044.4	1125.6	1213.6	1300.7	1389.5	1485.8	1571.8	1651.7	1737.8	1812.5	1872.5
45°	1180.3	1283.7	1390.0	1512.4	1625.2	1749.0	1863.6	1966.5	2088.6	2196.1	2282.7
42.5°	1330.9	1468.8	1608.5	1762.8	1912.4	2069.6	2236.5	2384.6	2546.5	2700.8	2825.5
40°	1517.7	1682.5	1869.7	2056.4	2271.2	2473.0	2716.2	2937.1	3137.8	3321.8	3472.7
37.5°	1725.3	1937.4	2172.6	2415.8	2709.7	2997.8	3282.4	3551.1	3788.3	3989.8	4158.8
35°	1961.0	2230.5	2515.3	2870.3	3214.7	3559.8	3881.2	4175.0	4433.0	4660.2	4853.5
32.5°	2232.0	2555.5	2954.2	3353.0	3745.9	4125.8	4478.8	4799.1	5082.1	5337.2	5559.4
30°	2517.0	2958.4	3405.9	3843.4	4272.5	4688.7	5076.0	5428.8	5748.6	6032.6	6288.6
27.5°	2879.2	3368.3	3856.2	4327.9	4800.0	5255.4	5675.2	6067.2	6434.0	6755.0	7047.7
25°	3229.5	3769.8	4288.5	4802.8	5316.6	5805.6	6275.0	6717.7	7137.9	7506.3	7833.0
22.5°	3579.7	4145.3	4699.5	5252.5	5804.5	6349.6	6876.6	7383.8	7853.8	8273.4	8641.1
20°	3904.0	4495.3	5088.0	5684.2	6282.4	6879.1	7471.1	8041.9	8565.4	9049.8	9475.5
17.5°	4194.8	4823.7	5452.1	6089.7	6738.3	7386.1	8043.7	8683.5	9282.1	9833.2	10327.0
15°	4452.4	5108.5	5783.4	6471.5	7167.9	7871.5	8589.0	9304.9	9978.7	10604.7	11156.0
12.5°	4677.5	5359.7	6067.1	6798.1	7554.0	8320.5	9103.6	9888.3	10634.2	11356.9	11952.2
10°	4863.3	5573.3	6312.7	7080.8	7878.0	8702.9	9543.0	10387.8	11209.5	11976.2	12656.9
7.5°	5006.8	5743.4	6505.3	7304.2	8140.5	9010.5	9900.4	10796.8	11673.8	12499.8	13253.1
5°	5108.0	5867.2	6638.6	7469.7	8335.1	9236.6	10161.5	11095.7	12012.4	12881.0	13661.6
2.5°	5166.8	5941.5	6716.3	7570.3	8450.8	9373.4	10323.4	11273.0	12213.9	13114.8	13916.9
0°	5182.2	5963.8	6760.8	7581.0	8487.1	9437.4	10353.5	11305.9	12283.7	13172.2	13971.4
-2.5°	5166.8	5941.5	6716.3	7570.3	8450.8	9373.4	10323.4	11273.0	12213.9	13114.8	13916.9
-5°	5108.0	5867.2	6638.6	7469.7	8335.1	9236.6	10161.5	11095.7	12012.4	12881.0	13661.6
-7.5°	5006.8	5743.4	6505.3	7304.2	8140.5	9010.5	9900.4	10796.8	11673.8	12499.8	13253.1
-10°	4863.3	5573.3	6312.7	7080.8	7878.0	8702.9	9543.0	10387.8	11209.5	11976.2	12656.9
-12.5°	4677.5	5359.7	6067.1	6798.1	7554.0	8320.5	9103.6	9888.3	10634.2	11356.9	11952.2
-15°	4452.4	5108.5	5783.4	6471.5	7167.9	7871.5	8589.0	9304.9	9978.7	10604.7	11156.0
-17.5°	4194.8	4823.7	5452.1	6089.7	6738.3	7386.1	8043.7	8683.5	9282.1	9833.2	10327.0
-20°	3904.0	4495.3	5088.0	5684.2	6282.4	6879.1	7471.1	8041.9	8565.4	9049.8	9475.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627053 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3579.7	4145.3	4699.5	5252.5	5804.5	6349.6	6876.6	7383.8	7853.8	8273.4	8641.1
-25°	3229.5	3769.8	4288.5	4802.8	5316.6	5805.6	6275.0	6717.7	7137.9	7506.3	7833.0
-27.5°	2879.2	3368.3	3856.2	4327.9	4800.0	5255.4	5675.2	6067.2	6434.0	6755.0	7047.7
-30°	2517.0	2958.4	3405.9	3843.4	4272.5	4688.7	5076.0	5428.8	5748.6	6032.6	6288.6
-32.5°	2232.0	2555.5	2954.2	3353.0	3745.9	4125.8	4478.8	4799.1	5082.1	5337.2	5559.4
-35°	1961.0	2230.5	2515.3	2870.3	3214.7	3559.8	3881.2	4175.0	4433.0	4660.2	4853.5
-37.5°	1725.3	1937.4	2172.6	2415.8	2709.7	2997.8	3282.4	3551.1	3788.3	3989.8	4158.8
-40°	1517.7	1682.5	1869.7	2056.4	2271.2	2473.0	2716.2	2937.1	3137.8	3321.8	3472.7
-42.5°	1330.9	1468.8	1608.5	1762.8	1912.4	2069.6	2236.5	2384.6	2546.5	2700.8	2825.5
-45°	1180.3	1283.7	1390.0	1512.4	1625.2	1749.0	1863.6	1966.5	2088.6	2196.1	2282.7
-47.5°	1044.4	1125.6	1213.6	1300.7	1389.5	1485.8	1571.8	1651.7	1737.8	1812.5	1872.5
-50°	922.2	988.2	1059.2	1124.9	1196.4	1266.9	1331.9	1394.8	1456.4	1509.6	1552.7
-52.5°	814.9	871.0	924.8	977.8	1034.6	1085.7	1131.5	1183.8	1230.1	1268.4	1298.2
-55°	725.0	768.2	808.8	854.0	897.7	937.6	974.4	1012.0	1046.0	1075.9	1099.6
-57.5°	641.6	676.9	711.1	746.7	780.2	811.4	841.9	870.0	894.4	914.8	931.6
-60°	564.8	593.8	623.8	651.9	677.8	701.6	726.3	748.2	767.4	783.4	795.3
-62.5°	492.7	519.2	541.4	563.3	585.9	607.9	621.7	635.5	649.0	661.7	672.6
-65°	417.8	439.7	459.1	475.5	489.2	505.2	519.2	530.0	537.5	543.3	548.2
-67.5°	354.3	368.8	383.0	395.2	407.9	419.9	430.3	439.1	446.0	450.6	453.2
-70°	297.6	309.9	321.9	333.0	343.8	352.3	358.9	364.6	369.4	370.3	369.9
-72.5°	246.6	258.5	269.8	280.6	290.1	296.4	300.5	303.8	306.5	298.2	286.2
-75°	200.2	211.4	221.9	231.6	240.6	245.4	248.1	250.4	252.2	237.6	218.4
-77.5°	159.6	169.0	176.4	183.8	191.1	193.8	195.1	196.1	196.8	182.2	164.4
-80°	114.7	121.9	127.8	133.5	139.0	140.3	140.3	139.6	138.1	126.3	113.0
-82.5°	72.9	76.3	79.3	82.3	85.2	87.3	88.8	89.9	90.6	82.0	72.4
-85°	35.8	36.6	37.1	37.3	37.3	38.5	39.6	40.6	41.5	37.7	33.4
-87.5°	8.1	7.9	7.6	7.3	7.0	6.9	6.7	6.6	6.4	5.9	5.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627053 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	4.9	4.4	3.8	3.3	3.8	4.4	4.9	5.4	5.9	6.4	6.6
85°	28.9	24.2	23.7	23.1	23.7	24.2	28.9	33.4	37.7	41.5	40.6
82.5°	62.2	51.7	50.1	48.5	50.1	51.7	62.2	72.4	82.0	90.6	89.9
80°	99.2	84.8	82.1	79.4	82.1	84.8	99.2	113.0	126.3	138.1	139.6
77.5°	145.5	125.9	120.1	114.6	120.1	125.9	145.5	164.4	182.2	196.8	196.1
75°	198.5	177.8	170.8	164.3	170.8	177.8	198.5	218.4	237.6	252.2	250.4
72.5°	274.0	261.5	248.7	234.8	248.7	261.5	274.0	286.2	298.2	306.5	303.8
70°	369.5	368.6	365.4	360.5	365.4	368.6	369.5	369.9	370.3	369.4	364.6
67.5°	454.3	454.0	455.1	455.3	455.1	454.0	454.3	453.2	450.6	446.0	439.1
65°	551.2	552.3	554.6	555.6	554.6	552.3	551.2	548.2	543.3	537.5	530.0
62.5°	680.9	686.5	689.3	689.0	689.3	686.5	680.9	672.6	661.7	649.0	635.5
60°	804.2	810.1	813.8	814.7	813.8	810.1	804.2	795.3	783.4	767.4	748.2
57.5°	944.8	954.4	959.5	960.2	959.5	954.4	944.8	931.6	914.8	894.4	870.0
55°	1117.8	1130.5	1136.1	1135.4	1136.1	1130.5	1117.8	1099.6	1075.9	1046.0	1012.0
52.5°	1320.7	1336.2	1347.8	1354.8	1347.8	1336.2	1320.7	1298.2	1268.4	1230.1	1183.8
50°	1585.1	1607.2	1621.3	1627.1	1621.3	1607.2	1585.1	1552.7	1509.6	1456.4	1394.8
47.5°	1915.8	1945.1	1966.9	1982.1	1966.9	1945.1	1915.8	1872.5	1812.5	1737.8	1651.7
45°	2346.6	2391.4	2421.7	2439.5	2421.7	2391.4	2346.6	2282.7	2196.1	2088.6	1966.5
42.5°	2922.9	2992.5	3035.1	3051.4	3035.1	2992.5	2922.9	2825.5	2700.8	2546.5	2384.6
40°	3591.7	3675.3	3730.0	3767.9	3730.0	3675.3	3591.7	3472.7	3321.8	3137.8	2937.1
37.5°	4288.4	4376.1	4429.5	4465.7	4429.5	4376.1	4288.4	4158.8	3989.8	3788.3	3551.1
35°	4999.1	5091.0	5141.0	5169.0	5141.0	5091.0	4999.1	4853.5	4660.2	4433.0	4175.0
32.5°	5728.8	5830.0	5884.4	5940.7	5884.4	5830.0	5728.8	5559.4	5337.2	5082.1	4799.1
30°	6490.9	6607.0	6663.9	6691.4	6663.9	6607.0	6490.9	6288.6	6032.6	5748.6	5428.8
27.5°	7283.9	7428.6	7499.9	7546.8	7499.9	7428.6	7283.9	7047.7	6755.0	6434.0	6067.2
25°	8109.0	8288.3	8370.0	8443.1	8370.0	8288.3	8109.0	7833.0	7506.3	7137.9	6717.7
22.5°	8965.1	9188.4	9282.9	9334.9	9282.9	9188.4	8965.1	8641.1	8273.4	7853.8	7383.8
20°	9843.5	10110.4	10241.7	10309.4	10241.7	10110.4	9843.5	9475.5	9049.8	8565.4	8041.9
17.5°	10741.8	11073.7	11243.7	11282.8	11243.7	11073.7	10741.8	10327.0	9833.2	9282.1	8683.5
15°	11623.7	11982.6	12183.6	12257.3	12183.6	11982.6	11623.7	11156.0	10604.7	9978.7	9304.9
12.5°	12458.8	12830.9	13071.0	13113.8	13071.0	12830.9	12458.8	11952.2	11356.9	10634.2	9888.3
10°	13216.2	13601.7	13866.9	13927.3	13866.9	13601.7	13216.2	12656.9	11976.2	11209.5	10387.8
7.5°	13849.4	14272.3	14565.4	14616.3	14565.4	14272.3	13849.4	13253.1	12499.8	11673.8	10796.8
5°	14312.6	14814.8	15055.3	15115.7	15055.3	14814.8	14312.6	13661.6	12881.0	12012.4	11095.7
2.5°	14566.8	15078.0	15412.2	15373.7	15412.2	15078.0	14566.8	13916.9	13114.8	12213.9	11273.0
0°	14595.4	15130.0	15449.7	15597.4	15449.7	15130.0	14595.4	13971.4	13172.2	12283.7	11305.9
-2.5°	14566.8	15078.0	15412.2	15373.7	15412.2	15078.0	14566.8	13916.9	13114.8	12213.9	11273.0
-5°	14312.6	14814.8	15055.3	15115.7	15055.3	14814.8	14312.6	13661.6	12881.0	12012.4	11095.7
-7.5°	13849.4	14272.3	14565.4	14616.3	14565.4	14272.3	13849.4	13253.1	12499.8	11673.8	10796.8
-10°	13216.2	13601.7	13866.9	13927.3	13866.9	13601.7	13216.2	12656.9	11976.2	11209.5	10387.8
-12.5°	12458.8	12830.9	13071.0	13113.8	13071.0	12830.9	12458.8	11952.2	11356.9	10634.2	9888.3
-15°	11623.7	11982.6	12183.6	12257.3	12183.6	11982.6	11623.7	11156.0	10604.7	9978.7	9304.9
-17.5°	10741.8	11073.7	11243.7	11282.8	11243.7	11073.7	10741.8	10327.0	9833.2	9282.1	8683.5
-20°	9843.5	10110.4	10241.7	10309.4	10241.7	10110.4	9843.5	9475.5	9049.8	8565.4	8041.9



REPORT NUMBER: P627053 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-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°	8965.1	9188.4	9282.9	9334.9	9282.9	9188.4	8965.1	8641.1	8273.4	7853.8	7383.8
-25°	8109.0	8288.3	8370.0	8443.1	8370.0	8288.3	8109.0	7833.0	7506.3	7137.9	6717.7
-27.5°	7283.9	7428.6	7499.9	7546.8	7499.9	7428.6	7283.9	7047.7	6755.0	6434.0	6067.2
-30°	6490.9	6607.0	6663.9	6691.4	6663.9	6607.0	6490.9	6288.6	6032.6	5748.6	5428.8
-32.5°	5728.8	5830.0	5884.4	5940.7	5884.4	5830.0	5728.8	5559.4	5337.2	5082.1	4799.1
-35°	4999.1	5091.0	5141.0	5169.0	5141.0	5091.0	4999.1	4853.5	4660.2	4433.0	4175.0
-37.5°	4288.4	4376.1	4429.5	4465.7	4429.5	4376.1	4288.4	4158.8	3989.8	3788.3	3551.1
-40°	3591.7	3675.3	3730.0	3767.9	3730.0	3675.3	3591.7	3472.7	3321.8	3137.8	2937.1
-42.5°	2922.9	2992.5	3035.1	3051.4	3035.1	2992.5	2922.9	2825.5	2700.8	2546.5	2384.6
-45°	2346.6	2391.4	2421.7	2439.5	2421.7	2391.4	2346.6	2282.7	2196.1	2088.6	1966.5
-47.5°	1915.8	1945.1	1966.9	1982.1	1966.9	1945.1	1915.8	1872.5	1812.5	1737.8	1651.7
-50°	1585.1	1607.2	1621.3	1627.1	1621.3	1607.2	1585.1	1552.7	1509.6	1456.4	1394.8
-52.5°	1320.7	1336.2	1347.8	1354.8	1347.8	1336.2	1320.7	1298.2	1268.4	1230.1	1183.8
-55°	1117.8	1130.5	1136.1	1135.4	1136.1	1130.5	1117.8	1099.6	1075.9	1046.0	1012.0
-57.5°	944.8	954.4	959.5	960.2	959.5	954.4	944.8	931.6	914.8	894.4	870.0
-60°	804.2	810.1	813.8	814.7	813.8	810.1	804.2	795.3	783.4	767.4	748.2
-62.5°	680.9	686.5	689.3	689.0	689.3	686.5	680.9	672.6	661.7	649.0	635.5
-65°	551.2	552.3	554.6	555.6	554.6	552.3	551.2	548.2	543.3	537.5	530.0
-67.5°	454.3	454.0	455.1	455.3	455.1	454.0	454.3	453.2	450.6	446.0	439.1
-70°	369.5	368.6	365.4	360.5	365.4	368.6	369.5	369.9	370.3	369.4	364.6
-72.5°	274.0	261.5	248.7	234.8	248.7	261.5	274.0	286.2	298.2	306.5	303.8
-75°	198.5	177.8	170.8	164.3	170.8	177.8	198.5	218.4	237.6	252.2	250.4
-77.5°	145.5	125.9	120.1	114.6	120.1	125.9	145.5	164.4	182.2	196.8	196.1
-80°	99.2	84.8	82.1	79.4	82.1	84.8	99.2	113.0	126.3	138.1	139.6
-82.5°	62.2	51.7	50.1	48.5	50.1	51.7	62.2	72.4	82.0	90.6	89.9
-85°	28.9	24.2	23.7	23.1	23.7	24.2	28.9	33.4	37.7	41.5	40.6
-87.5°	4.9	4.4	3.8	3.3	3.8	4.4	4.9	5.4	5.9	6.4	6.6
-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: P627053 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	6.7	6.9	7.0	7.3	7.6	7.9	8.1	7.9	7.6	7.3	7.0
85°	39.6	38.5	37.3	37.3	37.1	36.6	35.8	32.1	28.6	25.3	22.4
82.5°	88.8	87.3	85.2	82.3	79.3	76.3	72.9	65.2	57.7	50.6	44.7
80°	140.3	140.3	139.0	133.5	127.8	121.9	114.7	102.5	90.6	79.7	71.9
77.5°	195.1	193.8	191.1	183.8	176.4	169.0	159.6	143.7	127.9	112.7	102.8
75°	248.1	245.4	240.6	231.6	221.9	211.4	200.2	186.5	170.8	153.0	140.0
72.5°	300.5	296.4	290.1	280.6	269.8	258.5	246.6	233.2	217.8	200.3	187.1
70°	358.9	352.3	343.8	333.0	321.9	309.9	297.6	283.9	267.9	250.4	236.5
67.5°	430.3	419.9	407.9	395.2	383.0	368.8	354.3	338.6	322.4	304.0	286.6
65°	519.2	505.2	489.2	475.5	459.1	439.7	417.8	398.8	379.9	359.3	336.4
62.5°	621.7	607.9	585.9	563.3	541.4	519.2	492.7	466.1	440.4	414.5	387.7
60°	726.3	701.6	677.8	651.9	623.8	593.8	564.8	534.4	502.6	471.4	439.4
57.5°	841.9	811.4	780.2	746.7	711.1	676.9	641.6	603.8	567.7	530.0	491.8
55°	974.4	937.6	897.7	854.0	808.8	768.2	725.0	681.6	637.8	590.3	548.1
52.5°	1131.5	1085.7	1034.6	977.8	924.8	871.0	814.9	765.7	712.1	659.3	606.8
50°	1331.9	1266.9	1196.4	1124.9	1059.2	988.2	922.2	857.5	792.7	731.5	670.4
47.5°	1571.8	1485.8	1389.5	1300.7	1213.6	1125.6	1044.4	958.9	884.5	807.5	739.5
45°	1863.6	1749.0	1625.2	1512.4	1390.0	1283.7	1180.3	1081.9	984.2	897.2	810.4
42.5°	2236.5	2069.6	1912.4	1762.8	1608.5	1468.8	1330.9	1214.4	1099.7	992.1	894.3
40°	2716.2	2473.0	2271.2	2056.4	1869.7	1682.5	1517.7	1356.1	1225.9	1098.4	979.1
37.5°	3282.4	2997.8	2709.7	2415.8	2172.6	1937.4	1725.3	1535.0	1357.8	1212.9	1075.2
35°	3881.2	3559.8	3214.7	2870.3	2515.3	2230.5	1961.0	1726.5	1519.7	1332.7	1174.2
32.5°	4478.8	4125.8	3745.9	3353.0	2954.2	2555.5	2232.0	1941.6	1682.9	1469.9	1282.3
30°	5076.0	4688.7	4272.5	3843.4	3405.9	2958.4	2517.0	2177.8	1874.0	1606.9	1391.1
27.5°	5675.2	5255.4	4800.0	4327.9	3856.2	3368.3	2879.2	2421.5	2066.6	1764.8	1510.5
25°	6275.0	5805.6	5316.6	4802.8	4288.5	3769.8	3229.5	2719.2	2282.6	1922.7	1620.5
22.5°	6876.6	6349.6	5804.5	5252.5	4699.5	4145.3	3579.7	3010.8	2487.3	2083.4	1749.3
20°	7471.1	6879.1	6282.4	5684.2	5088.0	4495.3	3904.0	3296.8	2727.8	2249.7	1869.5
17.5°	8043.7	7386.1	6738.3	6089.7	5452.1	4823.7	4194.8	3560.7	2942.7	2397.7	1975.7
15°	8589.0	7871.5	7167.9	6471.5	5783.4	5108.5	4452.4	3792.3	3138.0	2552.2	2092.1
12.5°	9103.6	8320.5	7554.0	6798.1	6067.1	5359.7	4677.5	3995.8	3322.0	2702.6	2195.8
10°	9543.0	8702.9	7878.0	7080.8	6312.7	5573.3	4863.3	4167.8	3479.8	2827.7	2280.6
7.5°	9900.4	9010.5	8140.5	7304.2	6505.3	5743.4	5006.8	4299.9	3604.7	2925.5	2346.1
5°	10161.5	9236.6	8335.1	7469.7	6638.6	5867.2	5108.0	4390.2	3695.2	2995.1	2391.9
2.5°	10323.4	9373.4	8450.8	7570.3	6716.3	5941.5	5166.8	4444.8	3746.8	3033.4	2420.6
0°	10353.5	9437.4	8487.1	7581.0	6760.8	5963.8	5182.2	4464.6	3760.2	3041.4	2429.6
-2.5°	10323.4	9373.4	8450.8	7570.3	6716.3	5941.5	5166.8	4444.8	3746.8	3033.4	2420.6
-5°	10161.5	9236.6	8335.1	7469.7	6638.6	5867.2	5108.0	4390.2	3695.2	2995.1	2391.9
-7.5°	9900.4	9010.5	8140.5	7304.2	6505.3	5743.4	5006.8	4299.9	3604.7	2925.5	2346.1
-10°	9543.0	8702.9	7878.0	7080.8	6312.7	5573.3	4863.3	4167.8	3479.8	2827.7	2280.6
-12.5°	9103.6	8320.5	7554.0	6798.1	6067.1	5359.7	4677.5	3995.8	3322.0	2702.6	2195.8
-15°	8589.0	7871.5	7167.9	6471.5	5783.4	5108.5	4452.4	3792.3	3138.0	2552.2	2092.1
-17.5°	8043.7	7386.1	6738.3	6089.7	5452.1	4823.7	4194.8	3560.7	2942.7	2397.7	1975.7
-20°	7471.1	6879.1	6282.4	5684.2	5088.0	4495.3	3904.0	3296.8	2727.8	2249.7	1869.5



REPORT NUMBER: P627053 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6876.6	6349.6	5804.5	5252.5	4699.5	4145.3	3579.7	3010.8	2487.3	2083.4	1749.3
-25°	6275.0	5805.6	5316.6	4802.8	4288.5	3769.8	3229.5	2719.2	2282.6	1922.7	1620.5
-27.5°	5675.2	5255.4	4800.0	4327.9	3856.2	3368.3	2879.2	2421.5	2066.6	1764.8	1510.5
-30°	5076.0	4688.7	4272.5	3843.4	3405.9	2958.4	2517.0	2177.8	1874.0	1606.9	1391.1
-32.5°	4478.8	4125.8	3745.9	3353.0	2954.2	2555.5	2232.0	1941.6	1682.9	1469.9	1282.3
-35°	3881.2	3559.8	3214.7	2870.3	2515.3	2230.5	1961.0	1726.5	1519.7	1332.7	1174.2
-37.5°	3282.4	2997.8	2709.7	2415.8	2172.6	1937.4	1725.3	1535.0	1357.8	1212.9	1075.2
-40°	2716.2	2473.0	2271.2	2056.4	1869.7	1682.5	1517.7	1356.1	1225.9	1098.4	979.1
-42.5°	2236.5	2069.6	1912.4	1762.8	1608.5	1468.8	1330.9	1214.4	1099.7	992.1	894.3
-45°	1863.6	1749.0	1625.2	1512.4	1390.0	1283.7	1180.3	1081.9	984.2	897.2	810.4
-47.5°	1571.8	1485.8	1389.5	1300.7	1213.6	1125.6	1044.4	958.9	884.5	807.5	739.5
-50°	1331.9	1266.9	1196.4	1124.9	1059.2	988.2	922.2	857.5	792.7	731.5	670.4
-52.5°	1131.5	1085.7	1034.6	977.8	924.8	871.0	814.9	765.7	712.1	659.3	606.8
-55°	974.4	937.6	897.7	854.0	808.8	768.2	725.0	681.6	637.8	590.3	548.1
-57.5°	841.9	811.4	780.2	746.7	711.1	676.9	641.6	603.8	567.7	530.0	491.8
-60°	726.3	701.6	677.8	651.9	623.8	593.8	564.8	534.4	502.6	471.4	439.4
-62.5°	621.7	607.9	585.9	563.3	541.4	519.2	492.7	466.1	440.4	414.5	387.7
-65°	519.2	505.2	489.2	475.5	459.1	439.7	417.8	398.8	379.9	359.3	336.4
-67.5°	430.3	419.9	407.9	395.2	383.0	368.8	354.3	338.6	322.4	304.0	286.6
-70°	358.9	352.3	343.8	333.0	321.9	309.9	297.6	283.9	267.9	250.4	236.5
-72.5°	300.5	296.4	290.1	280.6	269.8	258.5	246.6	233.2	217.8	200.3	187.1
-75°	248.1	245.4	240.6	231.6	221.9	211.4	200.2	186.5	170.8	153.0	140.0
-77.5°	195.1	193.8	191.1	183.8	176.4	169.0	159.6	143.7	127.9	112.7	102.8
-80°	140.3	140.3	139.0	133.5	127.8	121.9	114.7	102.5	90.6	79.7	71.9
-82.5°	88.8	87.3	85.2	82.3	79.3	76.3	72.9	65.2	57.7	50.6	44.7
-85°	39.6	38.5	37.3	37.3	37.1	36.6	35.8	32.1	28.6	25.3	22.4
-87.5°	6.7	6.9	7.0	7.3	7.6	7.9	8.1	7.9	7.6	7.3	7.0
-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: P627053 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-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°	7.8	8.5	9.0	9.5	9.8	9.9	9.9	9.8	9.4	8.9	8.2
85°	23.4	23.8	23.7	23.0	21.5	19.8	19.8	19.5	18.8	17.7	16.4
82.5°	46.4	47.9	48.6	48.3	45.3	42.1	38.8	35.2	31.4	27.1	24.6
80°	74.6	76.2	76.7	75.5	70.1	64.4	59.4	54.3	49.3	43.7	37.4
77.5°	105.0	106.2	106.5	104.5	97.7	90.4	82.5	74.3	67.2	60.2	52.4
75°	137.7	138.1	137.8	134.2	125.9	116.4	106.9	96.6	86.3	76.7	67.3
72.5°	180.1	174.3	170.0	164.3	155.1	144.4	132.3	118.6	105.6	93.3	82.0
70°	224.4	212.2	202.7	194.0	183.8	172.6	159.1	141.9	124.5	109.7	95.8
67.5°	270.8	255.6	240.3	224.4	211.9	199.2	185.5	164.9	144.0	125.6	109.4
65°	315.8	297.1	279.8	259.1	241.0	225.5	210.1	186.7	162.9	141.4	122.6
62.5°	361.3	336.1	314.5	292.1	270.2	251.0	233.6	207.0	180.9	156.5	135.2
60°	408.0	378.5	349.0	323.1	298.4	275.2	253.5	226.7	198.4	171.0	147.1
57.5°	456.4	421.0	387.3	355.0	326.2	299.4	272.6	244.8	215.3	185.6	157.9
55°	505.2	465.3	425.7	388.7	354.5	324.0	292.4	262.1	231.5	199.8	166.4
52.5°	557.6	510.8	466.1	422.9	383.9	348.0	313.6	279.1	246.9	213.5	175.7
50°	613.1	559.0	508.0	459.7	413.0	373.1	334.2	297.6	261.9	226.8	184.4
47.5°	671.4	610.2	552.1	496.7	446.0	397.3	355.9	315.9	276.6	239.8	192.4
45°	735.6	662.8	597.4	536.6	477.7	424.8	377.2	333.5	292.4	249.2	199.6
42.5°	800.1	719.5	644.4	575.2	512.2	452.6	397.7	351.8	307.6	257.7	206.6
40°	874.5	777.5	691.7	616.8	546.3	479.1	421.2	369.5	321.8	266.2	213.4
37.5°	947.1	840.0	743.3	656.4	579.9	509.0	444.0	386.3	333.0	275.5	219.5
35°	1032.6	904.5	792.4	698.3	614.6	537.5	465.4	403.5	345.3	284.4	225.0
32.5°	1115.6	970.1	847.7	741.2	647.2	564.5	488.1	421.0	357.8	292.9	229.8
30°	1206.8	1041.6	899.9	781.3	679.7	592.2	510.9	437.5	370.5	300.9	234.5
27.5°	1294.5	1107.4	950.6	823.9	714.0	618.2	532.1	453.0	383.1	309.2	240.3
25°	1381.4	1178.5	1006.6	864.4	745.5	641.8	551.6	467.5	395.5	318.6	245.5
22.5°	1475.6	1247.4	1057.0	900.8	774.0	663.3	570.1	483.3	406.9	327.5	250.1
20°	1562.3	1309.5	1102.0	935.7	802.3	686.6	587.5	497.5	417.1	335.9	253.9
17.5°	1644.1	1372.6	1152.2	973.4	829.1	707.1	602.8	510.0	426.2	343.6	257.1
15°	1729.9	1435.4	1197.4	1006.1	852.2	724.8	615.9	520.7	434.0	350.6	260.0
12.5°	1803.1	1488.5	1235.4	1033.6	871.7	739.7	626.8	529.6	440.5	356.5	262.7
10°	1863.5	1531.6	1266.0	1055.7	887.3	751.6	635.6	536.8	445.9	361.1	264.2
7.5°	1910.5	1564.5	1289.1	1072.6	899.4	760.8	642.8	542.4	450.1	364.3	264.5
5°	1943.3	1587.4	1306.1	1084.3	908.5	767.5	648.0	546.1	452.9	366.0	263.7
2.5°	1960.6	1600.4	1316.5	1090.5	913.7	771.1	650.9	548.0	454.3	366.3	261.9
0°	1963.3	1602.8	1319.5	1091.3	915.0	771.7	651.5	547.9	454.2	364.9	259.1
-2.5°	1960.6	1600.4	1316.5	1090.5	913.7	771.1	650.9	548.0	454.3	366.3	261.9
-5°	1943.3	1587.4	1306.1	1084.3	908.5	767.5	648.0	546.1	452.9	366.0	263.7
-7.5°	1910.5	1564.5	1289.1	1072.6	899.4	760.8	642.8	542.4	450.1	364.3	264.5
-10°	1863.5	1531.6	1266.0	1055.7	887.3	751.6	635.6	536.8	445.9	361.1	264.2
-12.5°	1803.1	1488.5	1235.4	1033.6	871.7	739.7	626.8	529.6	440.5	356.5	262.7
-15°	1729.9	1435.4	1197.4	1006.1	852.2	724.8	615.9	520.7	434.0	350.6	260.0
-17.5°	1644.1	1372.6	1152.2	973.4	829.1	707.1	602.8	510.0	426.2	343.6	257.1
-20°	1562.3	1309.5	1102.0	935.7	802.3	686.6	587.5	497.5	417.1	335.9	253.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627053 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	1475.6	1247.4	1057.0	900.8	774.0	663.3	570.1	483.3	406.9	327.5	250.1
-25°	1381.4	1178.5	1006.6	864.4	745.5	641.8	551.6	467.5	395.5	318.6	245.5
-27.5°	1294.5	1107.4	950.6	823.9	714.0	618.2	532.1	453.0	383.1	309.2	240.3
-30°	1206.8	1041.6	899.9	781.3	679.7	592.2	510.9	437.5	370.5	300.9	234.5
-32.5°	1115.6	970.1	847.7	741.2	647.2	564.5	488.1	421.0	357.8	292.9	229.8
-35°	1032.6	904.5	792.4	698.3	614.6	537.5	465.4	403.5	345.3	284.4	225.0
-37.5°	947.1	840.0	743.3	656.4	579.9	509.0	444.0	386.3	333.0	275.5	219.5
-40°	874.5	777.5	691.7	616.8	546.3	479.1	421.2	369.5	321.8	266.2	213.4
-42.5°	800.1	719.5	644.4	575.2	512.2	452.6	397.7	351.8	307.6	257.7	206.6
-45°	735.6	662.8	597.4	536.6	477.7	424.8	377.2	333.5	292.4	249.2	199.6
-47.5°	671.4	610.2	552.1	496.7	446.0	397.3	355.9	315.9	276.6	239.8	192.4
-50°	613.1	559.0	508.0	459.7	413.0	373.1	334.2	297.6	261.9	226.8	184.4
-52.5°	557.6	510.8	466.1	422.9	383.9	348.0	313.6	279.1	246.9	213.5	175.7
-55°	505.2	465.3	425.7	388.7	354.5	324.0	292.4	262.1	231.5	199.8	166.4
-57.5°	456.4	421.0	387.3	355.0	326.2	299.4	272.6	244.8	215.3	185.6	157.9
-60°	408.0	378.5	349.0	323.1	298.4	275.2	253.5	226.7	198.4	171.0	147.1
-62.5°	361.3	336.1	314.5	292.1	270.2	251.0	233.6	207.0	180.9	156.5	135.2
-65°	315.8	297.1	279.8	259.1	241.0	225.5	210.1	186.7	162.9	141.4	122.6
-67.5°	270.8	255.6	240.3	224.4	211.9	199.2	185.5	164.9	144.0	125.6	109.4
-70°	224.4	212.2	202.7	194.0	183.8	172.6	159.1	141.9	124.5	109.7	95.8
-72.5°	180.1	174.3	170.0	164.3	155.1	144.4	132.3	118.6	105.6	93.3	82.0
-75°	137.7	138.1	137.8	134.2	125.9	116.4	106.9	96.6	86.3	76.7	67.3
-77.5°	105.0	106.2	106.5	104.5	97.7	90.4	82.5	74.3	67.2	60.2	52.4
-80°	74.6	76.2	76.7	75.5	70.1	64.4	59.4	54.3	49.3	43.7	37.4
-82.5°	46.4	47.9	48.6	48.3	45.3	42.1	38.8	35.2	31.4	27.1	24.6
-85°	23.4	23.8	23.7	23.0	21.5	19.8	19.8	19.5	18.8	17.7	16.4
-87.5°	7.8	8.5	9.0	9.5	9.8	9.9	9.9	9.8	9.4	8.9	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

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Scaled Data Report



REPORT NUMBER: P627053 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-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°	7.4	5.8	4.3	3.0	1.8	0.8	0.0
85°	14.8	11.5	8.6	6.0	3.6	1.6	0.0
82.5°	22.2	17.3	12.8	8.9	5.4	2.4	0.0
80°	30.1	22.9	17.1	11.8	7.2	3.1	0.0
77.5°	42.9	29.8	21.2	14.7	9.0	3.9	0.0
75°	55.4	39.0	25.7	17.5	10.7	4.7	0.0
72.5°	67.5	47.9	31.8	20.3	12.4	5.4	0.0
70°	78.9	56.4	37.7	23.2	14.1	6.1	0.0
67.5°	88.9	64.5	43.4	26.8	15.7	6.9	0.0
65°	98.4	72.0	48.8	30.3	17.2	7.6	0.0
62.5°	107.3	78.9	53.9	33.6	18.7	8.2	0.0
60°	115.7	85.3	58.6	36.7	20.1	8.9	0.0
57.5°	123.2	91.3	63.0	39.5	21.9	9.5	0.0
55°	130.2	96.8	67.2	42.2	23.6	10.1	0.0
52.5°	136.6	101.9	70.9	44.6	25.2	10.7	0.0
50°	142.4	106.5	74.4	46.8	26.8	11.3	0.0
47.5°	147.8	110.7	77.4	48.9	28.3	11.8	0.0
45°	153.8	114.4	80.1	50.9	29.7	12.3	0.0
42.5°	159.2	117.6	82.4	52.6	31.0	12.7	0.0
40°	163.9	120.3	84.5	54.5	32.2	13.1	0.0
37.5°	168.0	122.5	86.4	56.5	33.4	13.5	0.0
35°	171.3	125.0	87.9	58.3	34.5	13.9	0.0
32.5°	174.4	127.4	89.1	60.0	35.4	14.2	0.0
30°	177.8	129.2	89.9	61.4	36.3	14.5	0.0
27.5°	180.6	130.5	91.8	62.8	37.1	14.8	0.0
25°	182.8	131.3	93.6	63.9	37.8	15.0	0.0
22.5°	184.3	132.4	95.3	64.9	38.5	15.2	0.0
20°	185.2	134.8	96.7	65.7	39.0	15.4	0.0
17.5°	187.3	136.7	97.8	66.3	39.4	15.5	0.0
15°	189.8	138.3	98.8	66.8	39.7	15.6	0.0
12.5°	191.6	139.4	99.4	67.1	40.0	15.6	0.0
10°	192.7	140.1	99.9	67.2	40.1	15.6	0.0
7.5°	193.2	140.4	100.1	67.2	40.1	15.6	0.0
5°	193.0	140.3	100.1	67.0	40.1	15.6	0.0
2.5°	192.2	139.8	99.8	66.6	39.9	15.5	0.0
0°	190.7	138.9	99.2	66.1	39.7	15.4	0.0
-2.5°	192.2	139.8	99.8	66.6	39.9	15.5	0.0
-5°	193.0	140.3	100.1	67.0	40.1	15.6	0.0
-7.5°	193.2	140.4	100.1	67.2	40.1	15.6	0.0
-10°	192.7	140.1	99.9	67.2	40.1	15.6	0.0
-12.5°	191.6	139.4	99.4	67.1	40.0	15.6	0.0
-15°	189.8	138.3	98.8	66.8	39.7	15.6	0.0
-17.5°	187.3	136.7	97.8	66.3	39.4	15.5	0.0
-20°	185.2	134.8	96.7	65.7	39.0	15.4	0.0

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REPORT NUMBER: P627053 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	184.3	132.4	95.3	64.9	38.5	15.2	0.0
-25°	182.8	131.3	93.6	63.9	37.8	15.0	0.0
-27.5°	180.6	130.5	91.8	62.8	37.1	14.8	0.0
-30°	177.8	129.2	89.9	61.4	36.3	14.5	0.0
-32.5°	174.4	127.4	89.1	60.0	35.4	14.2	0.0
-35°	171.3	125.0	87.9	58.3	34.5	13.9	0.0
-37.5°	168.0	122.5	86.4	56.5	33.4	13.5	0.0
-40°	163.9	120.3	84.5	54.5	32.2	13.1	0.0
-42.5°	159.2	117.6	82.4	52.6	31.0	12.7	0.0
-45°	153.8	114.4	80.1	50.9	29.7	12.3	0.0
-47.5°	147.8	110.7	77.4	48.9	28.3	11.8	0.0
-50°	142.4	106.5	74.4	46.8	26.8	11.3	0.0
-52.5°	136.6	101.9	70.9	44.6	25.2	10.7	0.0
-55°	130.2	96.8	67.2	42.2	23.6	10.1	0.0
-57.5°	123.2	91.3	63.0	39.5	21.9	9.5	0.0
-60°	115.7	85.3	58.6	36.7	20.1	8.9	0.0
-62.5°	107.3	78.9	53.9	33.6	18.7	8.2	0.0
-65°	98.4	72.0	48.8	30.3	17.2	7.6	0.0
-67.5°	88.9	64.5	43.4	26.8	15.7	6.9	0.0
-70°	78.9	56.4	37.7	23.2	14.1	6.1	0.0
-72.5°	67.5	47.9	31.8	20.3	12.4	5.4	0.0
-75°	55.4	39.0	25.7	17.5	10.7	4.7	0.0
-77.5°	42.9	29.8	21.2	14.7	9.0	3.9	0.0
-80°	30.1	22.9	17.1	11.8	7.2	3.1	0.0
-82.5°	22.2	17.3	12.8	8.9	5.4	2.4	0.0
-85°	14.8	11.5	8.6	6.0	3.6	1.6	0.0
-87.5°	7.4	5.8	4.3	3.0	1.8	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)