

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: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6C-727-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N134
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

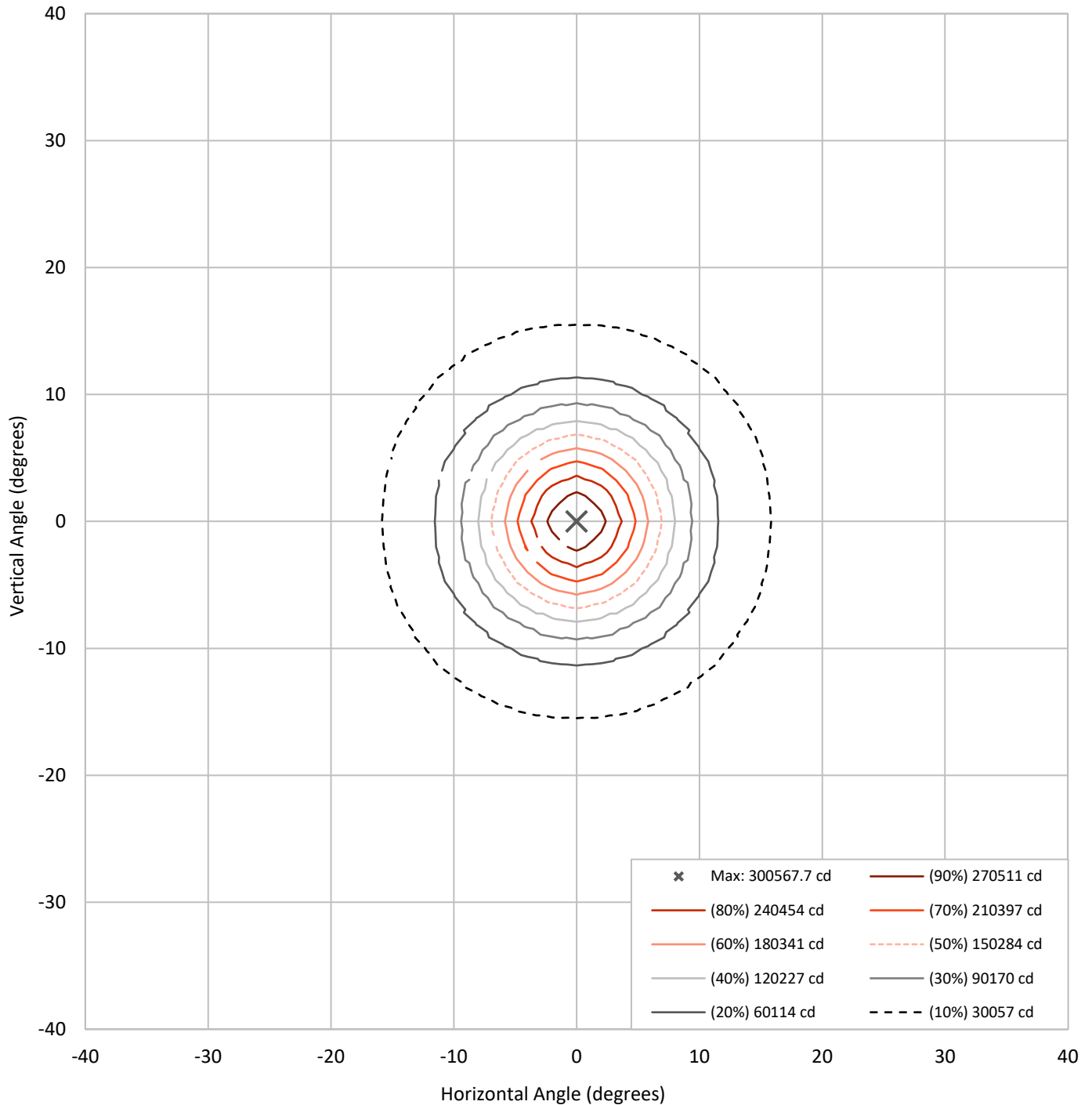
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	31915.9 lumens	Max Intensity:	300567.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	9436.1 lumens	Field Lumens:	21235.1 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	247.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





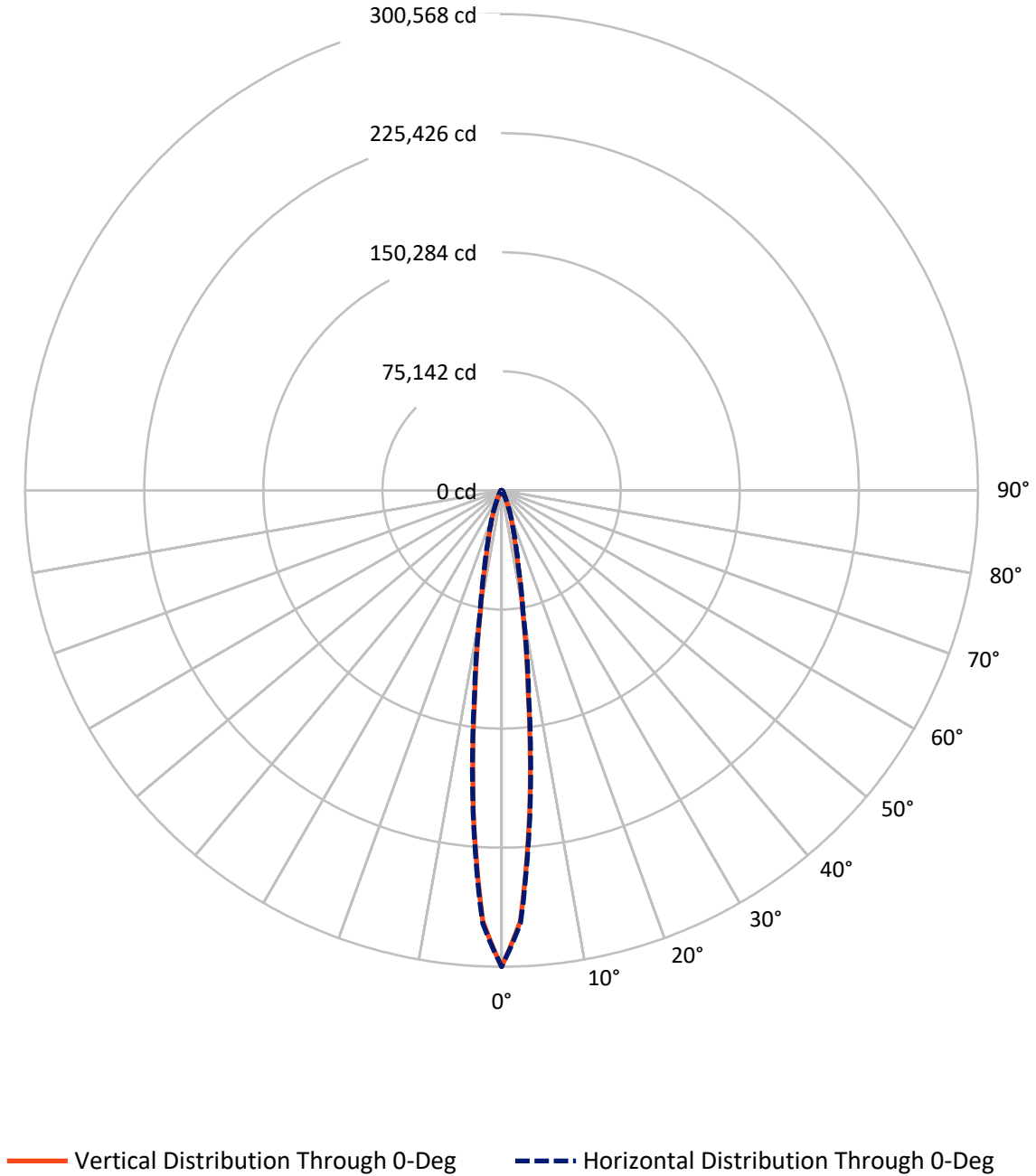
REPORT NUMBER: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.6		4.4		11.5		18.6		20.3		18.6		11.5		4.4		0.6		
80	0.6		4.4		11.5		18.6		20.3		18.6		11.5		4.4		0.6		
70	2.0	2.2	4.6	7.6	10.7	13.1	14.7	15.4	15.4	14.7	13.1	10.7	7.6	4.6	2.2	2.0			
60		3.4	6.9	11.2	15.1	18.4	20.6	21.5	21.5	20.6	18.4	15.1	11.2	6.9	3.4				
50	3.5	4.4	9.0	13.9	18.4	23.2	27.3	29.5	29.5	27.3	23.2	18.4	13.9	9.0	4.4	3.5			
40		5.3	10.6	16.0	22.7	32.6	46.0	57.0	57.0	46.0	32.6	22.7	16.0	10.6	5.3				
30	4.5	6.0	11.5	18.1	29.4	58.3	132.8	219.8	219.8	132.8	58.3	29.4	18.1	11.5	6.0	4.5			
20		6.4	12.1	19.9	39.0	123.8	439.7	947.0	947.0	439.7	123.8	39.0	19.9	12.1	6.4				
10	4.9	6.7	12.4	21.1	47.1	204.1	955.8	4129.0	4129.0	955.8	204.1	47.1	21.1	12.4	6.7	4.9			
0		6.7	12.4	21.1	47.1	204.1	955.8	4129.0	4129.0	955.8	204.1	47.1	21.1	12.4	6.7				
-10	4.5	6.4	12.1	19.9	39.0	123.8	439.7	947.0	947.0	439.7	123.8	39.0	19.9	12.1	6.4	4.5			
-20		6.0	11.5	18.1	29.4	58.3	132.8	219.8	219.8	132.8	58.3	29.4	18.1	11.5	6.0				
-30	3.5	5.3	10.6	16.0	22.7	32.6	46.0	57.0	57.0	46.0	32.6	22.7	16.0	10.6	5.3	3.5			
-40		4.4	9.0	13.9	18.4	23.2	27.3	29.5	29.5	27.3	23.2	18.4	13.9	9.0	4.4				
-50	2.0	3.4	6.9	11.2	15.1	18.4	20.6	21.5	21.5	20.6	18.4	15.1	11.2	6.9	3.4	2.0			
-60		2.2	4.6	7.6	10.7	13.1	14.7	15.4	15.4	14.7	13.1	10.7	7.6	4.6	2.2				
-70	0.6	4.4		11.5		18.6		20.3		18.6		11.5		4.4		0.6			
-80		4.4		11.5		18.6		20.3		18.6		11.5		4.4					
-90	0.6		4.4		11.5		18.6		20.3		18.6		11.5		4.4		0.6		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

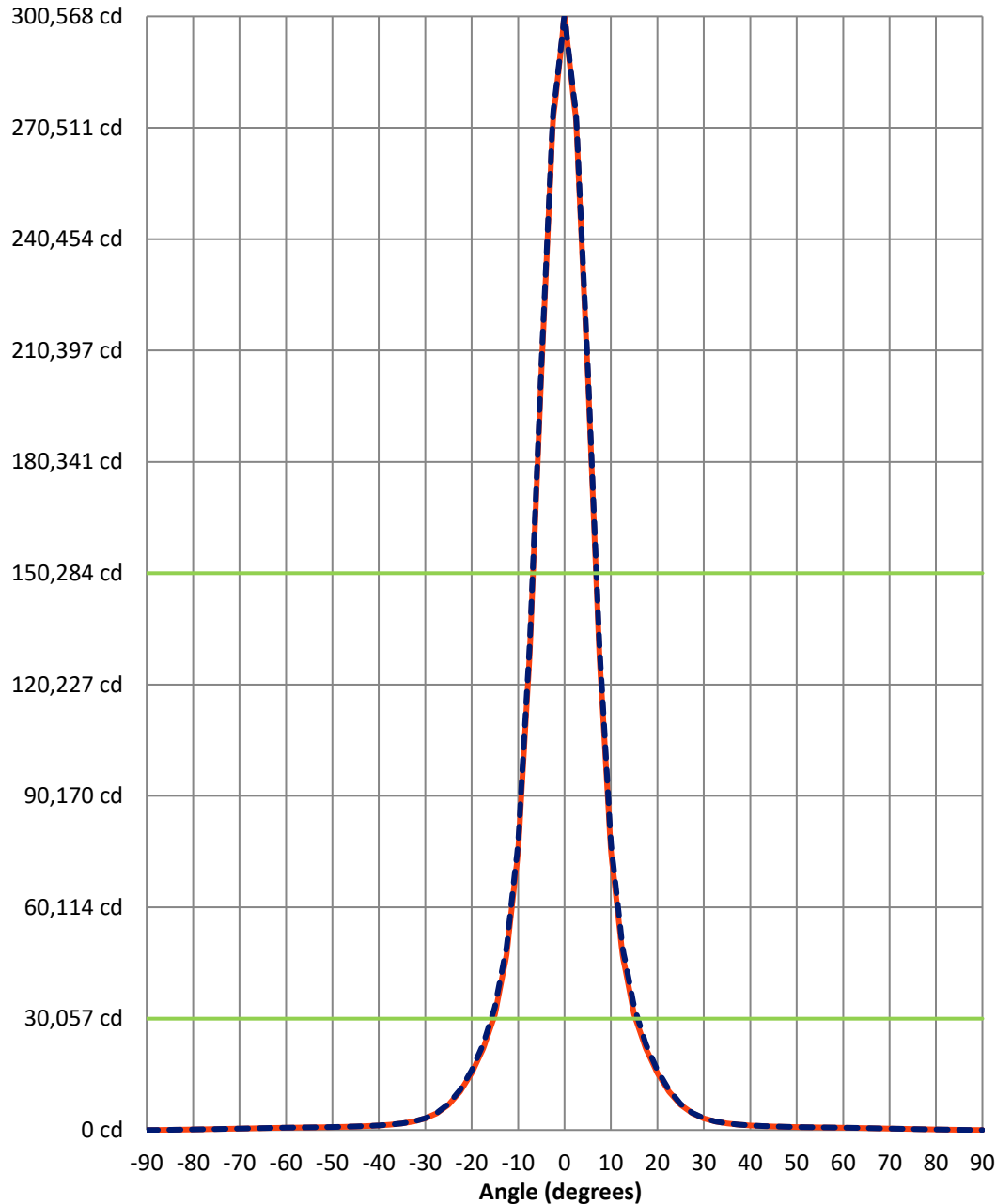
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 9436.1
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 21235.1
 Efficiency: 66.5%

Spill:
 Lumens: 10680.8
 Efficiency: 33.5%

— 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	2.2	3.4	4.5	5.6	6.7	7.8	8.8	9.9	10.9
85°	0.0	2.0	4.5	6.7	8.9	11.2	13.3	15.5	17.6	19.7	21.8
82.5°	0.0	2.9	6.7	10.1	13.4	16.7	20.0	23.2	26.7	31.4	36.0
80°	0.0	3.9	8.9	13.4	17.8	22.2	27.0	33.4	39.8	46.0	52.2
77.5°	0.0	4.9	11.1	16.7	22.2	28.5	36.7	44.8	52.7	60.6	68.9
75°	0.0	5.8	13.2	20.0	26.9	36.3	46.3	56.1	65.8	76.7	87.5
72.5°	0.0	6.7	15.3	23.2	32.7	43.9	55.8	67.8	80.7	93.4	105.9
70°	0.0	7.6	17.4	26.6	38.5	51.3	65.3	80.7	95.4	109.9	126.2
67.5°	0.0	8.5	19.3	30.7	44.1	58.6	76.0	93.4	109.9	128.5	146.7
65°	0.0	9.4	21.3	34.6	49.6	66.5	86.6	105.9	126.2	146.7	168.3
62.5°	0.0	10.2	23.1	38.5	54.9	75.2	97.0	119.4	142.2	165.4	192.5
60°	0.0	11.1	24.9	42.3	60.1	83.6	107.1	133.1	157.8	186.2	216.0
57.5°	0.0	11.8	27.2	45.9	66.6	91.8	118.2	146.5	175.0	206.3	238.7
55°	0.0	12.6	29.5	49.4	73.0	99.8	129.2	159.3	192.0	225.7	260.5
52.5°	0.0	13.3	31.7	52.8	79.1	107.7	139.8	173.1	208.4	244.4	281.5
50°	0.0	14.0	33.9	56.0	85.1	116.3	150.1	186.6	224.0	262.1	301.6
47.5°	0.0	14.7	36.0	59.4	90.8	124.5	160.2	199.7	238.9	279.1	321.3
45°	0.0	15.3	38.0	63.5	96.3	132.4	170.9	212.2	253.3	296.4	340.6
42.5°	0.0	15.8	39.9	67.5	101.6	140.0	181.2	224.2	267.0	313.2	359.3
40°	0.0	16.4	41.8	71.3	106.9	147.2	190.9	235.7	280.5	329.5	377.6
37.5°	0.0	16.9	43.6	75.0	112.4	154.0	200.2	246.5	294.0	344.7	395.2
35°	0.0	17.3	45.3	78.5	117.5	161.0	208.9	256.7	306.5	359.0	412.2
32.5°	0.0	17.7	47.0	81.8	122.3	167.7	217.1	266.3	318.1	372.4	427.0
30°	0.0	18.1	48.5	84.8	126.7	174.1	224.7	275.3	328.6	384.8	440.4
27.5°	0.0	18.4	49.9	87.7	131.1	179.9	231.7	283.9	338.4	396.3	452.5
25°	0.0	18.7	51.2	90.3	135.1	185.2	238.2	291.6	347.6	406.3	463.2
22.5°	0.0	19.0	52.5	92.7	138.7	190.0	244.0	298.4	355.9	415.0	472.5
20°	0.0	19.2	53.6	94.8	142.0	194.2	249.2	304.4	363.2	422.6	480.9
17.5°	0.0	19.3	54.6	96.7	145.0	197.7	253.5	309.5	369.6	428.9	488.3
15°	0.0	19.5	55.5	98.4	147.5	200.7	257.0	314.1	375.0	434.0	494.7
12.5°	0.0	19.5	56.2	99.8	149.7	203.0	259.9	318.3	379.6	438.0	500.0
10°	0.0	19.6	56.9	100.9	151.4	204.7	262.1	321.8	383.1	442.3	505.2
7.5°	0.0	19.6	57.4	101.8	152.8	205.9	263.6	324.6	385.5	445.9	511.1
5°	0.0	19.5	57.7	102.5	153.8	206.5	264.4	326.7	386.8	448.6	515.9
2.5°	0.0	19.4	57.9	102.9	154.4	206.6	264.5	328.0	387.1	450.2	519.4
0°	0.0	19.3	58.0	103.0	154.6	206.1	264.0	328.4	386.4	450.8	521.6
-2.5°	0.0	19.4	57.9	102.9	154.4	206.6	264.5	328.0	387.1	450.2	519.4
-5°	0.0	19.5	57.7	102.5	153.8	206.5	264.4	326.7	386.8	448.6	515.9
-7.5°	0.0	19.6	57.4	101.8	152.8	205.9	263.6	324.6	385.5	445.9	511.1
-10°	0.0	19.6	56.9	100.9	151.4	204.7	262.1	321.8	383.1	442.3	505.2
-12.5°	0.0	19.5	56.2	99.8	149.7	203.0	259.9	318.3	379.6	438.0	500.0
-15°	0.0	19.5	55.5	98.4	147.5	200.7	257.0	314.1	375.0	434.0	494.7
-17.5°	0.0	19.3	54.6	96.7	145.0	197.7	253.5	309.5	369.6	428.9	488.3
-20°	0.0	19.2	53.6	94.8	142.0	194.2	249.2	304.4	363.2	422.6	480.9

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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	52.5	92.7	138.7	190.0	244.0	298.4	355.9	415.0	472.5
-25°	0.0	18.7	51.2	90.3	135.1	185.2	238.2	291.6	347.6	406.3	463.2
-27.5°	0.0	18.4	49.9	87.7	131.1	179.9	231.7	283.9	338.4	396.3	452.5
-30°	0.0	18.1	48.5	84.8	126.7	174.1	224.7	275.3	328.6	384.8	440.4
-32.5°	0.0	17.7	47.0	81.8	122.3	167.7	217.1	266.3	318.1	372.4	427.0
-35°	0.0	17.3	45.3	78.5	117.5	161.0	208.9	256.7	306.5	359.0	412.2
-37.5°	0.0	16.9	43.6	75.0	112.4	154.0	200.2	246.5	294.0	344.7	395.2
-40°	0.0	16.4	41.8	71.3	106.9	147.2	190.9	235.7	280.5	329.5	377.6
-42.5°	0.0	15.8	39.9	67.5	101.6	140.0	181.2	224.2	267.0	313.2	359.3
-45°	0.0	15.3	38.0	63.5	96.3	132.4	170.9	212.2	253.3	296.4	340.6
-47.5°	0.0	14.7	36.0	59.4	90.8	124.5	160.2	199.7	238.9	279.1	321.3
-50°	0.0	14.0	33.9	56.0	85.1	116.3	150.1	186.6	224.0	262.1	301.6
-52.5°	0.0	13.3	31.7	52.8	79.1	107.7	139.8	173.1	208.4	244.4	281.5
-55°	0.0	12.6	29.5	49.4	73.0	99.8	129.2	159.3	192.0	225.7	260.5
-57.5°	0.0	11.8	27.2	45.9	66.6	91.8	118.2	146.5	175.0	206.3	238.7
-60°	0.0	11.1	24.9	42.3	60.1	83.6	107.1	133.1	157.8	186.2	216.0
-62.5°	0.0	10.2	23.1	38.5	54.9	75.2	97.0	119.4	142.2	165.4	192.5
-65°	0.0	9.4	21.3	34.6	49.6	66.5	86.6	105.9	126.2	146.7	168.3
-67.5°	0.0	8.5	19.3	30.7	44.1	58.6	76.0	93.4	109.9	128.5	146.7
-70°	0.0	7.6	17.4	26.6	38.5	51.3	65.3	80.7	95.4	109.9	126.2
-72.5°	0.0	6.7	15.3	23.2	32.7	43.9	55.8	67.8	80.7	93.4	105.9
-75°	0.0	5.8	13.2	20.0	26.9	36.3	46.3	56.1	65.8	76.7	87.5
-77.5°	0.0	4.9	11.1	16.7	22.2	28.5	36.7	44.8	52.7	60.6	68.9
-80°	0.0	3.9	8.9	13.4	17.8	22.2	27.0	33.4	39.8	46.0	52.2
-82.5°	0.0	2.9	6.7	10.1	13.4	16.7	20.0	23.2	26.7	31.4	36.0
-85°	0.0	2.0	4.5	6.7	8.9	11.2	13.3	15.5	17.6	19.7	21.8
-87.5°	0.0	1.0	2.2	3.4	4.5	5.6	6.7	7.8	8.8	9.9	10.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	11.9	12.9	13.9	14.8	15.7	16.6	17.4	18.2	19.0	19.8	20.5
85°	23.8	25.8	28.6	31.4	33.8	35.9	37.7	39.1	41.8	44.6	47.4
82.5°	40.6	45.0	49.3	53.5	56.4	58.7	60.9	64.2	69.9	75.4	80.3
80°	58.2	64.1	70.8	77.3	82.9	88.5	94.4	100.3	106.6	112.5	118.1
77.5°	77.7	86.3	94.7	102.8	111.0	119.7	128.2	136.4	144.2	151.6	158.7
75°	98.0	108.3	119.7	130.9	141.7	152.3	162.6	173.7	184.2	194.3	203.9
72.5°	119.4	133.1	146.5	159.6	173.7	187.6	200.9	213.8	226.3	239.5	253.3
70°	142.2	157.8	175.3	192.0	207.8	224.3	240.8	255.0	268.5	286.6	305.1
67.5°	165.5	186.7	206.4	225.3	246.3	265.8	282.6	300.6	320.0	340.8	359.1
65°	193.2	216.2	239.1	262.9	287.2	307.4	328.5	350.9	372.7	393.6	413.4
62.5°	220.4	246.4	272.7	298.7	323.7	348.0	373.4	398.3	422.3	446.5	467.9
60°	246.6	276.1	303.9	331.1	359.4	389.5	417.7	445.3	474.1	501.5	515.9
57.5°	272.0	303.5	332.5	363.0	396.2	430.3	459.9	491.2	515.9	534.9	553.5
55°	295.8	328.5	360.4	394.7	430.8	466.2	499.1	527.0	549.8	567.2	586.9
52.5°	318.1	352.6	387.3	424.8	463.1	500.8	535.3	561.4	581.9	599.8	618.2
50°	340.0	376.3	412.9	454.0	495.0	535.2	569.0	592.9	612.2	630.5	649.5
47.5°	361.5	399.6	439.1	482.8	527.3	566.0	598.1	619.9	639.4	661.0	681.7
45°	382.7	423.9	465.7	512.6	557.3	594.7	621.9	643.8	667.9	691.1	713.4
42.5°	403.3	447.7	493.1	541.7	584.9	618.6	644.0	669.9	695.9	720.6	745.7
40°	424.1	470.6	518.7	567.1	610.6	639.6	666.6	694.5	723.0	749.9	777.8
37.5°	444.1	492.2	541.8	590.7	630.2	659.7	687.6	718.3	748.5	777.9	814.2
35°	463.0	511.9	561.8	609.2	647.2	677.7	708.9	741.2	772.9	810.9	852.3
32.5°	480.0	529.5	580.1	624.3	661.5	694.4	729.3	763.1	801.2	844.2	893.8
30°	494.3	545.0	595.7	638.8	675.2	710.0	747.9	785.3	829.8	881.4	940.4
27.5°	506.8	558.8	608.2	651.3	688.3	722.9	762.9	810.0	861.0	919.0	988.3
25°	518.5	572.8	619.9	662.7	698.7	734.9	777.7	829.8	891.2	961.0	1045.8
22.5°	529.6	586.2	631.8	673.6	706.9	746.0	794.2	850.9	917.6	999.4	1102.7
20°	540.2	596.3	641.4	682.1	713.0	755.7	808.8	869.2	945.1	1042.6	1162.1
17.5°	549.9	604.9	648.8	687.1	721.1	766.0	821.6	884.2	969.0	1081.9	1216.7
15°	558.7	612.1	654.9	691.2	728.3	776.8	834.9	902.8	995.5	1119.3	1265.0
12.5°	566.6	617.9	659.4	694.4	734.0	785.6	846.8	922.2	1023.9	1156.1	1326.3
10°	573.2	622.4	662.7	696.6	738.3	792.4	856.8	937.9	1046.5	1184.6	1373.5
7.5°	578.9	626.0	664.9	697.8	741.2	797.1	864.5	949.9	1062.4	1204.9	1407.6
5°	582.9	628.8	667.6	701.8	745.5	800.8	870.2	958.2	1071.7	1217.0	1428.8
2.5°	585.2	630.5	669.2	705.6	750.2	804.0	874.4	967.2	1079.2	1228.7	1445.0
0°	586.0	631.1	669.7	708.4	753.4	805.0	875.8	972.4	1081.9	1236.4	1455.4
-2.5°	585.2	630.5	669.2	705.6	750.2	804.0	874.4	967.2	1079.2	1228.7	1445.0
-5°	582.9	628.8	667.6	701.8	745.5	800.8	870.2	958.2	1071.7	1217.0	1428.8
-7.5°	578.9	626.0	664.9	697.8	741.2	797.1	864.5	949.9	1062.4	1204.9	1407.6
-10°	573.2	622.4	662.7	696.6	738.3	792.4	856.8	937.9	1046.5	1184.6	1373.5
-12.5°	566.6	617.9	659.4	694.4	734.0	785.6	846.8	922.2	1023.9	1156.1	1326.3
-15°	558.7	612.1	654.9	691.2	728.3	776.8	834.9	902.8	995.5	1119.3	1265.0
-17.5°	549.9	604.9	648.8	687.1	721.1	766.0	821.6	884.2	969.0	1081.9	1216.7
-20°	540.2	596.3	641.4	682.1	713.0	755.7	808.8	869.2	945.1	1042.6	1162.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	529.6	586.2	631.8	673.6	706.9	746.0	794.2	850.9	917.6	999.4	1102.7
-25°	518.5	572.8	619.9	662.7	698.7	734.9	777.7	829.8	891.2	961.0	1045.8
-27.5°	506.8	558.8	608.2	651.3	688.3	722.9	762.9	810.0	861.0	919.0	988.3
-30°	494.3	545.0	595.7	638.8	675.2	710.0	747.9	785.3	829.8	881.4	940.4
-32.5°	480.0	529.5	580.1	624.3	661.5	694.4	729.3	763.1	801.2	844.2	893.8
-35°	463.0	511.9	561.8	609.2	647.2	677.7	708.9	741.2	772.9	810.9	852.3
-37.5°	444.1	492.2	541.8	590.7	630.2	659.7	687.6	718.3	748.5	777.9	814.2
-40°	424.1	470.6	518.7	567.1	610.6	639.6	666.6	694.5	723.0	749.9	777.8
-42.5°	403.3	447.7	493.1	541.7	584.9	618.6	644.0	669.9	695.9	720.6	745.7
-45°	382.7	423.9	465.7	512.6	557.3	594.7	621.9	643.8	667.9	691.1	713.4
-47.5°	361.5	399.6	439.1	482.8	527.3	566.0	598.1	619.9	639.4	661.0	681.7
-50°	340.0	376.3	412.9	454.0	495.0	535.2	569.0	592.9	612.2	630.5	649.5
-52.5°	318.1	352.6	387.3	424.8	463.1	500.8	535.3	561.4	581.9	599.8	618.2
-55°	295.8	328.5	360.4	394.7	430.8	466.2	499.1	527.0	549.8	567.2	586.9
-57.5°	272.0	303.5	332.5	363.0	396.2	430.3	459.9	491.2	515.9	534.9	553.5
-60°	246.6	276.1	303.9	331.1	359.4	389.5	417.7	445.3	474.1	501.5	515.9
-62.5°	220.4	246.4	272.7	298.7	323.7	348.0	373.4	398.3	422.3	446.5	467.9
-65°	193.2	216.2	239.1	262.9	287.2	307.4	328.5	350.9	372.7	393.6	413.4
-67.5°	165.5	186.7	206.4	225.3	246.3	265.8	282.6	300.6	320.0	340.8	359.1
-70°	142.2	157.8	175.3	192.0	207.8	224.3	240.8	255.0	268.5	286.6	305.1
-72.5°	119.4	133.1	146.5	159.6	173.7	187.6	200.9	213.8	226.3	239.5	253.3
-75°	98.0	108.3	119.7	130.9	141.7	152.3	162.6	173.7	184.2	194.3	203.9
-77.5°	77.7	86.3	94.7	102.8	111.0	119.7	128.2	136.4	144.2	151.6	158.7
-80°	58.2	64.1	70.8	77.3	82.9	88.5	94.4	100.3	106.6	112.5	118.1
-82.5°	40.6	45.0	49.3	53.5	56.4	58.7	60.9	64.2	69.9	75.4	80.3
-85°	23.8	25.8	28.6	31.4	33.8	35.9	37.7	39.1	41.8	44.6	47.4
-87.5°	11.9	12.9	13.9	14.8	15.7	16.6	17.4	18.2	19.0	19.8	20.5
-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: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-NR-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°	21.1	21.8	22.3	22.9	23.4	23.8	24.2	24.6	24.9	23.6	22.2
85°	50.4	52.3	54.0	55.7	57.2	58.5	59.7	60.8	61.8	61.0	60.0
82.5°	84.8	88.2	91.3	94.1	96.8	99.1	101.3	103.2	104.9	104.7	104.2
80°	123.5	129.0	134.5	140.0	145.4	148.6	151.0	152.8	154.0	154.6	154.7
77.5°	165.9	174.5	183.4	192.1	200.7	205.7	209.2	212.1	214.5	215.0	214.5
75°	213.0	224.0	236.1	246.8	256.0	261.6	265.6	268.9	271.5	272.2	271.9
72.5°	267.7	281.3	292.2	301.1	308.9	315.0	319.9	324.1	327.5	328.9	329.1
70°	321.4	334.9	345.2	354.3	361.9	368.3	374.2	379.2	383.4	386.5	388.8
67.5°	376.0	391.3	401.9	410.2	416.7	423.3	431.2	438.0	443.7	447.5	449.4
65°	431.9	447.7	458.0	467.0	475.0	483.4	492.1	498.5	502.7	505.4	507.1
62.5°	486.1	500.9	513.8	525.7	537.2	546.8	552.8	558.2	562.7	566.6	569.5
60°	532.6	551.5	565.9	577.4	588.6	599.5	606.9	612.7	617.2	620.6	622.7
57.5°	572.4	591.5	608.6	619.7	631.9	644.9	653.4	658.3	662.9	666.7	668.5
55°	607.1	624.8	640.5	655.8	669.5	681.1	690.2	696.8	702.3	706.7	708.2
52.5°	638.3	657.6	676.1	692.3	705.7	716.8	725.8	734.0	740.3	744.5	746.4
50°	671.1	691.9	711.7	729.3	743.1	755.7	766.9	776.6	785.8	793.1	798.4
47.5°	703.4	725.6	747.4	766.8	783.4	801.5	817.8	831.6	845.1	856.0	863.5
45°	736.0	761.5	785.3	810.4	832.8	856.6	878.7	897.7	917.2	932.0	942.0
42.5°	772.1	801.2	829.8	861.0	891.6	922.5	956.0	985.9	1008.9	1030.5	1048.1
40°	810.9	844.2	881.4	919.7	964.8	1005.6	1050.6	1089.2	1124.1	1161.0	1190.3
37.5°	852.3	893.8	942.7	994.0	1052.3	1108.2	1166.9	1224.6	1275.0	1334.3	1379.6
35°	897.9	953.4	1013.6	1083.0	1155.6	1235.7	1315.9	1408.7	1488.6	1576.4	1653.0
32.5°	952.0	1018.2	1097.3	1188.8	1282.0	1403.5	1517.1	1664.8	1792.5	1931.9	2072.3
30°	1007.7	1094.1	1196.2	1311.5	1459.6	1626.8	1813.1	2032.8	2259.3	2478.5	2742.9
27.5°	1076.6	1181.0	1304.5	1473.0	1691.0	1916.9	2237.4	2567.2	2983.5	3327.9	3813.4
25°	1148.2	1271.0	1446.6	1675.7	1960.3	2352.5	2838.7	3365.7	4098.2	4741.8	5496.6
22.5°	1226.1	1392.0	1610.4	1893.2	2324.8	2926.7	3663.0	4655.2	5735.6	6882.7	8023.8
20°	1307.4	1508.0	1794.3	2204.2	2796.4	3611.6	4875.6	6407.3	7950.8	9843.5	11519.6
17.5°	1401.4	1656.8	2009.6	2522.2	3312.4	4561.3	6314.7	8453.0	10847.7	13569.1	15985.3
15°	1479.7	1784.3	2229.6	2946.7	4033.6	5637.3	7848.6	10790.2	14388.7	18043.6	21751.7
12.5°	1570.7	1923.0	2446.0	3301.1	4666.1	6797.5	9807.4	13530.7	18024.8	23094.3	29070.5
10°	1651.4	2059.2	2709.3	3767.8	5435.9	8007.4	11660.4	16139.8	21939.4	29233.3	38488.0
7.5°	1711.3	2167.6	2912.6	4123.0	6101.4	9170.7	13411.1	18996.8	26366.3	35997.7	48699.2
5°	1750.2	2246.1	3056.4	4397.0	6622.4	10036.5	14694.1	21023.3	29913.9	43536.1	65044.2
2.5°	1773.4	2292.5	3138.5	4557.8	6939.2	10610.2	15670.3	22555.5	32213.1	48194.7	75557.1
0°	1783.8	2305.4	3187.7	4643.0	7045.1	10831.6	16118.6	23253.8	33241.9	49283.2	77405.5
-2.5°	1773.4	2292.5	3138.5	4557.8	6939.2	10610.2	15670.3	22555.5	32213.1	48194.7	75557.1
-5°	1750.2	2246.1	3056.4	4397.0	6622.4	10036.5	14694.1	21023.3	29913.9	43536.1	65044.2
-7.5°	1711.3	2167.6	2912.6	4123.0	6101.4	9170.7	13411.1	18996.8	26366.3	35997.7	48699.2
-10°	1651.4	2059.2	2709.3	3767.8	5435.9	8007.4	11660.4	16139.8	21939.4	29233.3	38488.0
-12.5°	1570.7	1923.0	2446.0	3301.1	4666.1	6797.5	9807.4	13530.7	18024.8	23094.3	29070.5
-15°	1479.7	1784.3	2229.6	2946.7	4033.6	5637.3	7848.6	10790.2	14388.7	18043.6	21751.7
-17.5°	1401.4	1656.8	2009.6	2522.2	3312.4	4561.3	6314.7	8453.0	10847.7	13569.1	15985.3
-20°	1307.4	1508.0	1794.3	2204.2	2796.4	3611.6	4875.6	6407.3	7950.8	9843.5	11519.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1226.1	1392.0	1610.4	1893.2	2324.8	2926.7	3663.0	4655.2	5735.6	6882.7	8023.8
-25°	1148.2	1271.0	1446.6	1675.7	1960.3	2352.5	2838.7	3365.7	4098.2	4741.8	5496.6
-27.5°	1076.6	1181.0	1304.5	1473.0	1691.0	1916.9	2237.4	2567.2	2983.5	3327.9	3813.4
-30°	1007.7	1094.1	1196.2	1311.5	1459.6	1626.8	1813.1	2032.8	2259.3	2478.5	2742.9
-32.5°	952.0	1018.2	1097.3	1188.8	1282.0	1403.5	1517.1	1664.8	1792.5	1931.9	2072.3
-35°	897.9	953.4	1013.6	1083.0	1155.6	1235.7	1315.9	1408.7	1488.6	1576.4	1653.0
-37.5°	852.3	893.8	942.7	994.0	1052.3	1108.2	1166.9	1224.6	1275.0	1334.3	1379.6
-40°	810.9	844.2	881.4	919.7	964.8	1005.6	1050.6	1089.2	1124.1	1161.0	1190.3
-42.5°	772.1	801.2	829.8	861.0	891.6	922.5	956.0	985.9	1008.9	1030.5	1048.1
-45°	736.0	761.5	785.3	810.4	832.8	856.6	878.7	897.7	917.2	932.0	942.0
-47.5°	703.4	725.6	747.4	766.8	783.4	801.5	817.8	831.6	845.1	856.0	863.5
-50°	671.1	691.9	711.7	729.3	743.1	755.7	766.9	776.6	785.8	793.1	798.4
-52.5°	638.3	657.6	676.1	692.3	705.7	716.8	725.8	734.0	740.3	744.5	746.4
-55°	607.1	624.8	640.5	655.8	669.5	681.1	690.2	696.8	702.3	706.7	708.2
-57.5°	572.4	591.5	608.6	619.7	631.9	644.9	653.4	658.3	662.9	666.7	668.5
-60°	532.6	551.5	565.9	577.4	588.6	599.5	606.9	612.7	617.2	620.6	622.7
-62.5°	486.1	500.9	513.8	525.7	537.2	546.8	552.8	558.2	562.7	566.6	569.5
-65°	431.9	447.7	458.0	467.0	475.0	483.4	492.1	498.5	502.7	505.4	507.1
-67.5°	376.0	391.3	401.9	410.2	416.7	423.3	431.2	438.0	443.7	447.5	449.4
-70°	321.4	334.9	345.2	354.3	361.9	368.3	374.2	379.2	383.4	386.5	388.8
-72.5°	267.7	281.3	292.2	301.1	308.9	315.0	319.9	324.1	327.5	328.9	329.1
-75°	213.0	224.0	236.1	246.8	256.0	261.6	265.6	268.9	271.5	272.2	271.9
-77.5°	165.9	174.5	183.4	192.1	200.7	205.7	209.2	212.1	214.5	215.0	214.5
-80°	123.5	129.0	134.5	140.0	145.4	148.6	151.0	152.8	154.0	154.6	154.7
-82.5°	84.8	88.2	91.3	94.1	96.8	99.1	101.3	103.2	104.9	104.7	104.2
-85°	50.4	52.3	54.0	55.7	57.2	58.5	59.7	60.8	61.8	61.0	60.0
-87.5°	21.1	21.8	22.3	22.9	23.4	23.8	24.2	24.6	24.9	23.6	22.2
-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: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-NR-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°	20.8	19.2	19.3	19.3	19.3	19.2	20.8	22.2	23.6	24.9	24.6
85°	59.0	57.7	57.9	58.0	57.9	57.7	59.0	60.0	61.0	61.8	60.8
82.5°	103.5	102.5	102.9	103.0	102.9	102.5	103.5	104.2	104.7	104.9	103.2
80°	154.5	153.9	151.2	148.1	151.2	153.9	154.5	154.7	154.6	154.0	152.8
77.5°	213.4	211.5	209.1	206.1	209.1	211.5	213.4	214.5	215.0	214.5	212.1
75°	271.0	269.4	270.1	270.5	270.1	269.4	271.0	271.9	272.2	271.5	268.9
72.5°	328.5	327.1	328.0	328.4	328.0	327.1	328.5	329.1	328.9	327.5	324.1
70°	390.3	391.0	389.3	386.4	389.3	391.0	390.3	388.8	386.5	383.4	379.2
67.5°	449.9	449.2	447.3	444.3	447.3	449.2	449.9	449.4	447.5	443.7	438.0
65°	507.6	507.0	508.1	508.7	508.1	507.0	507.6	507.1	505.4	502.7	498.5
62.5°	571.0	571.0	569.6	566.7	569.6	571.0	571.0	569.5	566.6	562.7	558.2
60°	623.5	623.1	621.3	618.2	621.3	623.1	623.5	622.7	620.6	617.2	612.7
57.5°	669.1	668.4	666.5	663.3	666.5	668.4	669.1	668.5	666.7	662.9	658.3
55°	708.4	707.4	705.3	701.9	705.3	707.4	708.4	708.2	706.7	702.3	696.8
52.5°	746.9	746.1	746.3	747.0	746.3	746.1	746.9	746.4	744.5	740.3	734.0
50°	801.6	802.7	801.7	798.5	801.7	802.7	801.6	798.4	793.1	785.8	776.6
47.5°	867.2	867.6	866.0	862.9	866.0	867.6	867.2	863.5	856.0	845.1	831.6
45°	949.8	954.4	955.7	953.1	955.7	954.4	949.8	942.0	932.0	917.2	897.7
42.5°	1061.6	1068.9	1071.0	1069.0	1071.0	1068.9	1061.6	1048.1	1030.5	1008.9	985.9
40°	1208.3	1216.6	1218.2	1217.1	1218.2	1216.6	1208.3	1190.3	1161.0	1124.1	1089.2
37.5°	1411.5	1431.8	1441.3	1442.5	1441.3	1431.8	1411.5	1379.6	1334.3	1275.0	1224.6
35°	1711.3	1751.7	1773.4	1783.8	1773.4	1751.7	1711.3	1653.0	1576.4	1488.6	1408.7
32.5°	2178.7	2259.6	2304.4	2299.0	2304.4	2259.6	2178.7	2072.3	1931.9	1792.5	1664.8
30°	2942.2	3083.7	3155.0	3136.1	3155.0	3083.7	2942.2	2742.9	2478.5	2259.3	2032.8
27.5°	4162.0	4418.0	4566.0	4546.4	4566.0	4418.0	4162.0	3813.4	3327.9	2983.5	2567.2
25°	6127.6	6594.7	6893.7	6819.7	6893.7	6594.7	6127.6	5496.6	4741.8	4098.2	3365.7
22.5°	9117.6	9908.9	10432.6	10368.0	10432.6	9908.9	9117.6	8023.8	6882.7	5735.6	4655.2
20°	13219.0	14423.4	15283.4	15397.4	15283.4	14423.4	13219.0	11519.6	9843.5	7950.8	6407.3
17.5°	18595.2	20504.9	21834.2	22056.1	21834.2	20504.9	18595.2	15985.3	13569.1	10847.7	8453.0
15°	25582.4	28703.6	30962.5	31148.9	30962.5	28703.6	25582.4	21751.7	18043.6	14388.7	10790.2
12.5°	35069.8	41347.5	45444.6	47248.3	45444.6	41347.5	35069.8	29070.5	23094.3	18024.8	13530.7
10°	48200.1	62619.4	71853.9	75325.4	71853.9	62619.4	48200.1	38488.0	29233.3	21939.4	16139.8
7.5°	70131.4	92770.3	117938.8	128665.7	117938.8	92770.3	70131.4	48699.2	35997.7	26366.3	18996.8
5°	94966.9	141951.6	186642.5	204094.2	186642.5	141951.6	94966.9	65044.2	43536.1	29913.9	21023.3
2.5°	121100.3	186590.2	247959.2	271959.2	247959.2	186590.2	121100.3	75557.1	48194.7	32213.1	22555.5
0°	131306.0	206135.6	273656.1	300567.7	273656.1	206135.6	131306.0	77405.5	49283.2	33241.9	23253.8
-2.5°	121100.3	186590.2	247959.2	271959.2	247959.2	186590.2	121100.3	75557.1	48194.7	32213.1	22555.5
-5°	94966.9	141951.6	186642.5	204094.2	186642.5	141951.6	94966.9	65044.2	43536.1	29913.9	21023.3
-7.5°	70131.4	92770.3	117938.8	128665.7	117938.8	92770.3	70131.4	48699.2	35997.7	26366.3	18996.8
-10°	48200.1	62619.4	71853.9	75325.4	71853.9	62619.4	48200.1	38488.0	29233.3	21939.4	16139.8
-12.5°	35069.8	41347.5	45444.6	47248.3	45444.6	41347.5	35069.8	29070.5	23094.3	18024.8	13530.7
-15°	25582.4	28703.6	30962.5	31148.9	30962.5	28703.6	25582.4	21751.7	18043.6	14388.7	10790.2
-17.5°	18595.2	20504.9	21834.2	22056.1	21834.2	20504.9	18595.2	15985.3	13569.1	10847.7	8453.0
-20°	13219.0	14423.4	15283.4	15397.4	15283.4	14423.4	13219.0	11519.6	9843.5	7950.8	6407.3



REPORT NUMBER: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9117.6	9908.9	10432.6	10368.0	10432.6	9908.9	9117.6	8023.8	6882.7	5735.6	4655.2
-25°	6127.6	6594.7	6893.7	6819.7	6893.7	6594.7	6127.6	5496.6	4741.8	4098.2	3365.7
-27.5°	4162.0	4418.0	4566.0	4546.4	4566.0	4418.0	4162.0	3813.4	3327.9	2983.5	2567.2
-30°	2942.2	3083.7	3155.0	3136.1	3155.0	3083.7	2942.2	2742.9	2478.5	2259.3	2032.8
-32.5°	2178.7	2259.6	2304.4	2299.0	2304.4	2259.6	2178.7	2072.3	1931.9	1792.5	1664.8
-35°	1711.3	1751.7	1773.4	1783.8	1773.4	1751.7	1711.3	1653.0	1576.4	1488.6	1408.7
-37.5°	1411.5	1431.8	1441.3	1442.5	1441.3	1431.8	1411.5	1379.6	1334.3	1275.0	1224.6
-40°	1208.3	1216.6	1218.2	1217.1	1218.2	1216.6	1208.3	1190.3	1161.0	1124.1	1089.2
-42.5°	1061.6	1068.9	1071.0	1069.0	1071.0	1068.9	1061.6	1048.1	1030.5	1008.9	985.9
-45°	949.8	954.4	955.7	953.1	955.7	954.4	949.8	942.0	932.0	917.2	897.7
-47.5°	867.2	867.6	866.0	862.9	866.0	867.6	867.2	863.5	856.0	845.1	831.6
-50°	801.6	802.7	801.7	798.5	801.7	802.7	801.6	798.4	793.1	785.8	776.6
-52.5°	746.9	746.1	746.3	747.0	746.3	746.1	746.9	746.4	744.5	740.3	734.0
-55°	708.4	707.4	705.3	701.9	705.3	707.4	708.4	708.2	706.7	702.3	696.8
-57.5°	669.1	668.4	666.5	663.3	666.5	668.4	669.1	668.5	666.7	662.9	658.3
-60°	623.5	623.1	621.3	618.2	621.3	623.1	623.5	622.7	620.6	617.2	612.7
-62.5°	571.0	571.0	569.6	566.7	569.6	571.0	571.0	569.5	566.6	562.7	558.2
-65°	507.6	507.0	508.1	508.7	508.1	507.0	507.6	507.1	505.4	502.7	498.5
-67.5°	449.9	449.2	447.3	444.3	447.3	449.2	449.9	449.4	447.5	443.7	438.0
-70°	390.3	391.0	389.3	386.4	389.3	391.0	390.3	388.8	386.5	383.4	379.2
-72.5°	328.5	327.1	328.0	328.4	328.0	327.1	328.5	329.1	328.9	327.5	324.1
-75°	271.0	269.4	270.1	270.5	270.1	269.4	271.0	271.9	272.2	271.5	268.9
-77.5°	213.4	211.5	209.1	206.1	209.1	211.5	213.4	214.5	215.0	214.5	212.1
-80°	154.5	153.9	151.2	148.1	151.2	153.9	154.5	154.7	154.6	154.0	152.8
-82.5°	103.5	102.5	102.9	103.0	102.9	102.5	103.5	104.2	104.7	104.9	103.2
-85°	59.0	57.7	57.9	58.0	57.9	57.7	59.0	60.0	61.0	61.8	60.8
-87.5°	20.8	19.2	19.3	19.3	19.3	19.2	20.8	22.2	23.6	24.9	24.6
-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: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-NR-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°	24.2	23.8	23.4	22.9	22.3	21.8	21.1	20.5	19.8	19.0	18.2
85°	59.7	58.5	57.2	55.7	54.0	52.3	50.4	47.4	44.6	41.8	39.1
82.5°	101.3	99.1	96.8	94.1	91.3	88.2	84.8	80.3	75.4	69.9	64.2
80°	151.0	148.6	145.4	140.0	134.5	129.0	123.5	118.1	112.5	106.6	100.3
77.5°	209.2	205.7	200.7	192.1	183.4	174.5	165.9	158.7	151.6	144.2	136.4
75°	265.6	261.6	256.0	246.8	236.1	224.0	213.0	203.9	194.3	184.2	173.7
72.5°	319.9	315.0	308.9	301.1	292.2	281.3	267.7	253.3	239.5	226.3	213.8
70°	374.2	368.3	361.9	354.3	345.2	334.9	321.4	305.1	286.6	268.5	255.0
67.5°	431.2	423.3	416.7	410.2	401.9	391.3	376.0	359.1	340.8	320.0	300.6
65°	492.1	483.4	475.0	467.0	458.0	447.7	431.9	413.4	393.6	372.7	350.9
62.5°	552.8	546.8	537.2	525.7	513.8	500.9	486.1	467.9	446.5	422.3	398.3
60°	606.9	599.5	588.6	577.4	565.9	551.5	532.6	515.9	501.5	474.1	445.3
57.5°	653.4	644.9	631.9	619.7	608.6	591.5	572.4	553.5	534.9	515.9	491.2
55°	690.2	681.1	669.5	655.8	640.5	624.8	607.1	586.9	567.2	549.8	527.0
52.5°	725.8	716.8	705.7	692.3	676.1	657.6	638.3	618.2	599.8	581.9	561.4
50°	766.9	755.7	743.1	729.3	711.7	691.9	671.1	649.5	630.5	612.2	592.9
47.5°	817.8	801.5	783.4	766.8	747.4	725.6	703.4	681.7	661.0	639.4	619.9
45°	878.7	856.6	832.8	810.4	785.3	761.5	736.0	713.4	691.1	667.9	643.8
42.5°	956.0	922.5	891.6	861.0	829.8	801.2	772.1	745.7	720.6	695.9	669.9
40°	1050.6	1005.6	964.8	919.7	881.4	844.2	810.9	777.8	749.9	723.0	694.5
37.5°	1166.9	1108.2	1052.3	994.0	942.7	893.8	852.3	814.2	777.9	748.5	718.3
35°	1315.9	1235.7	1155.6	1083.0	1013.6	953.4	897.9	852.3	810.9	772.9	741.2
32.5°	1517.1	1403.5	1282.0	1188.8	1097.3	1018.2	952.0	893.8	844.2	801.2	763.1
30°	1813.1	1626.8	1459.6	1311.5	1196.2	1094.1	1007.7	940.4	881.4	829.8	785.3
27.5°	2237.4	1916.9	1691.0	1473.0	1304.5	1181.0	1076.6	988.3	919.0	861.0	810.0
25°	2838.7	2352.5	1960.3	1675.7	1446.6	1271.0	1148.2	1045.8	961.0	891.2	829.8
22.5°	3663.0	2926.7	2324.8	1893.2	1610.4	1392.0	1226.1	1102.7	999.4	917.6	850.9
20°	4875.6	3611.6	2796.4	2204.2	1794.3	1508.0	1307.4	1162.1	1042.6	945.1	869.2
17.5°	6314.7	4561.3	3312.4	2522.2	2009.6	1656.8	1401.4	1216.7	1081.9	969.0	884.2
15°	7848.6	5637.3	4033.6	2946.7	2229.6	1784.3	1479.7	1265.0	1119.3	995.5	902.8
12.5°	9807.4	6797.5	4666.1	3301.1	2446.0	1923.0	1570.7	1326.3	1156.1	1023.9	922.2
10°	11660.4	8007.4	5435.9	3767.8	2709.3	2059.2	1651.4	1373.5	1184.6	1046.5	937.9
7.5°	13411.1	9170.7	6101.4	4123.0	2912.6	2167.6	1711.3	1407.6	1204.9	1062.4	949.9
5°	14694.1	10036.5	6622.4	4397.0	3056.4	2246.1	1750.2	1428.8	1217.0	1071.7	958.2
2.5°	15670.3	10610.2	6939.2	4557.8	3138.5	2292.5	1773.4	1445.0	1228.7	1079.2	967.2
0°	16118.6	10831.6	7045.1	4643.0	3187.7	2305.4	1783.8	1455.4	1236.4	1081.9	972.4
-2.5°	15670.3	10610.2	6939.2	4557.8	3138.5	2292.5	1773.4	1445.0	1228.7	1079.2	967.2
-5°	14694.1	10036.5	6622.4	4397.0	3056.4	2246.1	1750.2	1428.8	1217.0	1071.7	958.2
-7.5°	13411.1	9170.7	6101.4	4123.0	2912.6	2167.6	1711.3	1407.6	1204.9	1062.4	949.9
-10°	11660.4	8007.4	5435.9	3767.8	2709.3	2059.2	1651.4	1373.5	1184.6	1046.5	937.9
-12.5°	9807.4	6797.5	4666.1	3301.1	2446.0	1923.0	1570.7	1326.3	1156.1	1023.9	922.2
-15°	7848.6	5637.3	4033.6	2946.7	2229.6	1784.3	1479.7	1265.0	1119.3	995.5	902.8
-17.5°	6314.7	4561.3	3312.4	2522.2	2009.6	1656.8	1401.4	1216.7	1081.9	969.0	884.2
-20°	4875.6	3611.6	2796.4	2204.2	1794.3	1508.0	1307.4	1162.1	1042.6	945.1	869.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3663.0	2926.7	2324.8	1893.2	1610.4	1392.0	1226.1	1102.7	999.4	917.6	850.9
-25°	2838.7	2352.5	1960.3	1675.7	1446.6	1271.0	1148.2	1045.8	961.0	891.2	829.8
-27.5°	2237.4	1916.9	1691.0	1473.0	1304.5	1181.0	1076.6	988.3	919.0	861.0	810.0
-30°	1813.1	1626.8	1459.6	1311.5	1196.2	1094.1	1007.7	940.4	881.4	829.8	785.3
-32.5°	1517.1	1403.5	1282.0	1188.8	1097.3	1018.2	952.0	893.8	844.2	801.2	763.1
-35°	1315.9	1235.7	1155.6	1083.0	1013.6	953.4	897.9	852.3	810.9	772.9	741.2
-37.5°	1166.9	1108.2	1052.3	994.0	942.7	893.8	852.3	814.2	777.9	748.5	718.3
-40°	1050.6	1005.6	964.8	919.7	881.4	844.2	810.9	777.8	749.9	723.0	694.5
-42.5°	956.0	922.5	891.6	861.0	829.8	801.2	772.1	745.7	720.6	695.9	669.9
-45°	878.7	856.6	832.8	810.4	785.3	761.5	736.0	713.4	691.1	667.9	643.8
-47.5°	817.8	801.5	783.4	766.8	747.4	725.6	703.4	681.7	661.0	639.4	619.9
-50°	766.9	755.7	743.1	729.3	711.7	691.9	671.1	649.5	630.5	612.2	592.9
-52.5°	725.8	716.8	705.7	692.3	676.1	657.6	638.3	618.2	599.8	581.9	561.4
-55°	690.2	681.1	669.5	655.8	640.5	624.8	607.1	586.9	567.2	549.8	527.0
-57.5°	653.4	644.9	631.9	619.7	608.6	591.5	572.4	553.5	534.9	515.9	491.2
-60°	606.9	599.5	588.6	577.4	565.9	551.5	532.6	515.9	501.5	474.1	445.3
-62.5°	552.8	546.8	537.2	525.7	513.8	500.9	486.1	467.9	446.5	422.3	398.3
-65°	492.1	483.4	475.0	467.0	458.0	447.7	431.9	413.4	393.6	372.7	350.9
-67.5°	431.2	423.3	416.7	410.2	401.9	391.3	376.0	359.1	340.8	320.0	300.6
-70°	374.2	368.3	361.9	354.3	345.2	334.9	321.4	305.1	286.6	268.5	255.0
-72.5°	319.9	315.0	308.9	301.1	292.2	281.3	267.7	253.3	239.5	226.3	213.8
-75°	265.6	261.6	256.0	246.8	236.1	224.0	213.0	203.9	194.3	184.2	173.7
-77.5°	209.2	205.7	200.7	192.1	183.4	174.5	165.9	158.7	151.6	144.2	136.4
-80°	151.0	148.6	145.4	140.0	134.5	129.0	123.5	118.1	112.5	106.6	100.3
-82.5°	101.3	99.1	96.8	94.1	91.3	88.2	84.8	80.3	75.4	69.9	64.2
-85°	59.7	58.5	57.2	55.7	54.0	52.3	50.4	47.4	44.6	41.8	39.1
-87.5°	24.2	23.8	23.4	22.9	22.3	21.8	21.1	20.5	19.8	19.0	18.2
-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: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-NR-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°	17.4	16.6	15.7	14.8	13.9	12.9	11.9	10.9	9.9	8.8	7.8
85°	37.7	35.9	33.8	31.4	28.6	25.8	23.8	21.8	19.7	17.6	15.5
82.5°	60.9	58.7	56.4	53.5	49.3	45.0	40.6	36.0	31.4	26.7	23.2
80°	94.4	88.5	82.9	77.3	70.8	64.1	58.2	52.2	46.0	39.8	33.4
77.5°	128.2	119.7	111.0	102.8	94.7	86.3	77.7	68.9	60.6	52.7	44.8
75°	162.6	152.3	141.7	130.9	119.7	108.3	98.0	87.5	76.7	65.8	56.1
72.5°	200.9	187.6	173.7	159.6	146.5	133.1	119.4	105.9	93.4	80.7	67.8
70°	240.8	224.3	207.8	192.0	175.3	157.8	142.2	126.2	109.9	95.4	80.7
67.5°	282.6	265.8	246.3	225.3	206.4	186.7	165.5	146.7	128.5	109.9	93.4
65°	328.5	307.4	287.2	262.9	239.1	216.2	193.2	168.3	146.7	126.2	105.9
62.5°	373.4	348.0	323.7	298.7	272.7	246.4	220.4	192.5	165.4	142.2	119.4
60°	417.7	389.5	359.4	331.1	303.9	276.1	246.6	216.0	186.2	157.8	133.1
57.5°	459.9	430.3	396.2	363.0	332.5	303.5	272.0	238.7	206.3	175.0	146.5
55°	499.1	466.2	430.8	394.7	360.4	328.5	295.8	260.5	225.7	192.0	159.3
52.5°	535.3	500.8	463.1	424.8	387.3	352.6	318.1	281.5	244.4	208.4	173.1
50°	569.0	535.2	495.0	454.0	412.9	376.3	340.0	301.6	262.1	224.0	186.6
47.5°	598.1	566.0	527.3	482.8	439.1	399.6	361.5	321.3	279.1	238.9	199.7
45°	621.9	594.7	557.3	512.6	465.7	423.9	382.7	340.6	296.4	253.3	212.2
42.5°	644.0	618.6	584.9	541.7	493.1	447.7	403.3	359.3	313.2	267.0	224.2
40°	666.6	639.6	610.6	567.1	518.7	470.6	424.1	377.6	329.5	280.5	235.7
37.5°	687.6	659.7	630.2	590.7	541.8	492.2	444.1	395.2	344.7	294.0	246.5
35°	708.9	677.7	647.2	609.2	561.8	511.9	463.0	412.2	359.0	306.5	256.7
32.5°	729.3	694.4	661.5	624.3	580.1	529.5	480.0	427.0	372.4	318.1	266.3
30°	747.9	710.0	675.2	638.8	595.7	545.0	494.3	440.4	384.8	328.6	275.3
27.5°	762.9	722.9	688.3	651.3	608.2	558.8	506.8	452.5	396.3	338.4	283.9
25°	777.7	734.9	698.7	662.7	619.9	572.8	518.5	463.2	406.3	347.6	291.6
22.5°	794.2	746.0	706.9	673.6	631.8	586.2	529.6	472.5	415.0	355.9	298.4
20°	808.8	755.7	713.0	682.1	641.4	596.3	540.2	480.9	422.6	363.2	304.4
17.5°	821.6	766.0	721.1	687.1	648.8	604.9	549.9	488.3	428.9	369.6	309.5
15°	834.9	776.8	728.3	691.2	654.9	612.1	558.7	494.7	434.0	375.0	314.1
12.5°	846.8	785.6	734.0	694.4	659.4	617.9	566.6	500.0	438.0	379.6	318.3
10°	856.8	792.4	738.3	696.6	662.7	622.4	573.2	505.2	442.3	383.1	321.8
7.5°	864.5	797.1	741.2	697.8	664.9	626.0	578.9	511.1	445.9	385.5	324.6
5°	870.2	800.8	745.5	701.8	667.6	628.8	582.9	515.9	448.6	386.8	326.7
2.5°	874.4	804.0	750.2	705.6	669.2	630.5	585.2	519.4	450.2	387.1	328.0
0°	875.8	805.0	753.4	708.4	669.7	631.1	586.0	521.6	450.8	386.4	328.4
-2.5°	874.4	804.0	750.2	705.6	669.2	630.5	585.2	519.4	450.2	387.1	328.0
-5°	870.2	800.8	745.5	701.8	667.6	628.8	582.9	515.9	448.6	386.8	326.7
-7.5°	864.5	797.1	741.2	697.8	664.9	626.0	578.9	511.1	445.9	385.5	324.6
-10°	856.8	792.4	738.3	696.6	662.7	622.4	573.2	505.2	442.3	383.1	321.8
-12.5°	846.8	785.6	734.0	694.4	659.4	617.9	566.6	500.0	438.0	379.6	318.3
-15°	834.9	776.8	728.3	691.2	654.9	612.1	558.7	494.7	434.0	375.0	314.1
-17.5°	821.6	766.0	721.1	687.1	648.8	604.9	549.9	488.3	428.9	369.6	309.5
-20°	808.8	755.7	713.0	682.1	641.4	596.3	540.2	480.9	422.6	363.2	304.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	794.2	746.0	706.9	673.6	631.8	586.2	529.6	472.5	415.0	355.9	298.4
-25°	777.7	734.9	698.7	662.7	619.9	572.8	518.5	463.2	406.3	347.6	291.6
-27.5°	762.9	722.9	688.3	651.3	608.2	558.8	506.8	452.5	396.3	338.4	283.9
-30°	747.9	710.0	675.2	638.8	595.7	545.0	494.3	440.4	384.8	328.6	275.3
-32.5°	729.3	694.4	661.5	624.3	580.1	529.5	480.0	427.0	372.4	318.1	266.3
-35°	708.9	677.7	647.2	609.2	561.8	511.9	463.0	412.2	359.0	306.5	256.7
-37.5°	687.6	659.7	630.2	590.7	541.8	492.2	444.1	395.2	344.7	294.0	246.5
-40°	666.6	639.6	610.6	567.1	518.7	470.6	424.1	377.6	329.5	280.5	235.7
-42.5°	644.0	618.6	584.9	541.7	493.1	447.7	403.3	359.3	313.2	267.0	224.2
-45°	621.9	594.7	557.3	512.6	465.7	423.9	382.7	340.6	296.4	253.3	212.2
-47.5°	598.1	566.0	527.3	482.8	439.1	399.6	361.5	321.3	279.1	238.9	199.7
-50°	569.0	535.2	495.0	454.0	412.9	376.3	340.0	301.6	262.1	224.0	186.6
-52.5°	535.3	500.8	463.1	424.8	387.3	352.6	318.1	281.5	244.4	208.4	173.1
-55°	499.1	466.2	430.8	394.7	360.4	328.5	295.8	260.5	225.7	192.0	159.3
-57.5°	459.9	430.3	396.2	363.0	332.5	303.5	272.0	238.7	206.3	175.0	146.5
-60°	417.7	389.5	359.4	331.1	303.9	276.1	246.6	216.0	186.2	157.8	133.1
-62.5°	373.4	348.0	323.7	298.7	272.7	246.4	220.4	192.5	165.4	142.2	119.4
-65°	328.5	307.4	287.2	262.9	239.1	216.2	193.2	168.3	146.7	126.2	105.9
-67.5°	282.6	265.8	246.3	225.3	206.4	186.7	165.5	146.7	128.5	109.9	93.4
-70°	240.8	224.3	207.8	192.0	175.3	157.8	142.2	126.2	109.9	95.4	80.7
-72.5°	200.9	187.6	173.7	159.6	146.5	133.1	119.4	105.9	93.4	80.7	67.8
-75°	162.6	152.3	141.7	130.9	119.7	108.3	98.0	87.5	76.7	65.8	56.1
-77.5°	128.2	119.7	111.0	102.8	94.7	86.3	77.7	68.9	60.6	52.7	44.8
-80°	94.4	88.5	82.9	77.3	70.8	64.1	58.2	52.2	46.0	39.8	33.4
-82.5°	60.9	58.7	56.4	53.5	49.3	45.0	40.6	36.0	31.4	26.7	23.2
-85°	37.7	35.9	33.8	31.4	28.6	25.8	23.8	21.8	19.7	17.6	15.5
-87.5°	17.4	16.6	15.7	14.8	13.9	12.9	11.9	10.9	9.9	8.8	7.8
-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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REPORT NUMBER: P627859 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-NR-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°	6.7	5.6	4.5	3.4	2.2	1.0	0.0
85°	13.3	11.2	8.9	6.7	4.5	2.0	0.0
82.5°	20.0	16.7	13.4	10.1	6.7	2.9	0.0
80°	27.0	22.2	17.8	13.4	8.9	3.9	0.0
77.5°	36.7	28.5	22.2	16.7	11.1	4.9	0.0
75°	46.3	36.3	26.9	20.0	13.2	5.8	0.0
72.5°	55.8	43.9	32.7	23.2	15.3	6.7	0.0
70°	65.3	51.3	38.5	26.6	17.4	7.6	0.0
67.5°	76.0	58.6	44.1	30.7	19.3	8.5	0.0
65°	86.6	66.5	49.6	34.6	21.3	9.4	0.0
62.5°	97.0	75.2	54.9	38.5	23.1	10.2	0.0
60°	107.1	83.6	60.1	42.3	24.9	11.1	0.0
57.5°	118.2	91.8	66.6	45.9	27.2	11.8	0.0
55°	129.2	99.8	73.0	49.4	29.5	12.6	0.0
52.5°	139.8	107.7	79.1	52.8	31.7	13.3	0.0
50°	150.1	116.3	85.1	56.0	33.9	14.0	0.0
47.5°	160.2	124.5	90.8	59.4	36.0	14.7	0.0
45°	170.9	132.4	96.3	63.5	38.0	15.3	0.0
42.5°	181.2	140.0	101.6	67.5	39.9	15.8	0.0
40°	190.9	147.2	106.9	71.3	41.8	16.4	0.0
37.5°	200.2	154.0	112.4	75.0	43.6	16.9	0.0
35°	208.9	161.0	117.5	78.5	45.3	17.3	0.0
32.5°	217.1	167.7	122.3	81.8	47.0	17.7	0.0
30°	224.7	174.1	126.7	84.8	48.5	18.1	0.0
27.5°	231.7	179.9	131.1	87.7	49.9	18.4	0.0
25°	238.2	185.2	135.1	90.3	51.2	18.7	0.0
22.5°	244.0	190.0	138.7	92.7	52.5	19.0	0.0
20°	249.2	194.2	142.0	94.8	53.6	19.2	0.0
17.5°	253.5	197.7	145.0	96.7	54.6	19.3	0.0
15°	257.0	200.7	147.5	98.4	55.5	19.5	0.0
12.5°	259.9	203.0	149.7	99.8	56.2	19.5	0.0
10°	262.1	204.7	151.4	100.9	56.9	19.6	0.0
7.5°	263.6	205.9	152.8	101.8	57.4	19.6	0.0
5°	264.4	206.5	153.8	102.5	57.7	19.5	0.0
2.5°	264.5	206.6	154.4	102.9	57.9	19.4	0.0
0°	264.0	206.1	154.6	103.0	58.0	19.3	0.0
-2.5°	264.5	206.6	154.4	102.9	57.9	19.4	0.0
-5°	264.4	206.5	153.8	102.5	57.7	19.5	0.0
-7.5°	263.6	205.9	152.8	101.8	57.4	19.6	0.0
-10°	262.1	204.7	151.4	100.9	56.9	19.6	0.0
-12.5°	259.9	203.0	149.7	99.8	56.2	19.5	0.0
-15°	257.0	200.7	147.5	98.4	55.5	19.5	0.0
-17.5°	253.5	197.7	145.0	96.7	54.6	19.3	0.0
-20°	249.2	194.2	142.0	94.8	53.6	19.2	0.0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	244.0	190.0	138.7	92.7	52.5	19.0	0.0
-25°	238.2	185.2	135.1	90.3	51.2	18.7	0.0
-27.5°	231.7	179.9	131.1	87.7	49.9	18.4	0.0
-30°	224.7	174.1	126.7	84.8	48.5	18.1	0.0
-32.5°	217.1	167.7	122.3	81.8	47.0	17.7	0.0
-35°	208.9	161.0	117.5	78.5	45.3	17.3	0.0
-37.5°	200.2	154.0	112.4	75.0	43.6	16.9	0.0
-40°	190.9	147.2	106.9	71.3	41.8	16.4	0.0
-42.5°	181.2	140.0	101.6	67.5	39.9	15.8	0.0
-45°	170.9	132.4	96.3	63.5	38.0	15.3	0.0
-47.5°	160.2	124.5	90.8	59.4	36.0	14.7	0.0
-50°	150.1	116.3	85.1	56.0	33.9	14.0	0.0
-52.5°	139.8	107.7	79.1	52.8	31.7	13.3	0.0
-55°	129.2	99.8	73.0	49.4	29.5	12.6	0.0
-57.5°	118.2	91.8	66.6	45.9	27.2	11.8	0.0
-60°	107.1	83.6	60.1	42.3	24.9	11.1	0.0
-62.5°	97.0	75.2	54.9	38.5	23.1	10.2	0.0
-65°	86.6	66.5	49.6	34.6	21.3	9.4	0.0
-67.5°	76.0	58.6	44.1	30.7	19.3	8.5	0.0
-70°	65.3	51.3	38.5	26.6	17.4	7.6	0.0
-72.5°	55.8	43.9	32.7	23.2	15.3	6.7	0.0
-75°	46.3	36.3	26.9	20.0	13.2	5.8	0.0
-77.5°	36.7	28.5	22.2	16.7	11.1	4.9	0.0
-80°	27.0	22.2	17.8	13.4	8.9	3.9	0.0
-82.5°	20.0	16.7	13.4	10.1	6.7	2.9	0.0
-85°	13.3	11.2	8.9	6.7	4.5	2.0	0.0
-87.5°	6.7	5.6	4.5	3.4	2.2	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)