

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: P627799 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-727-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627799 (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-SA6B-727-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N133
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

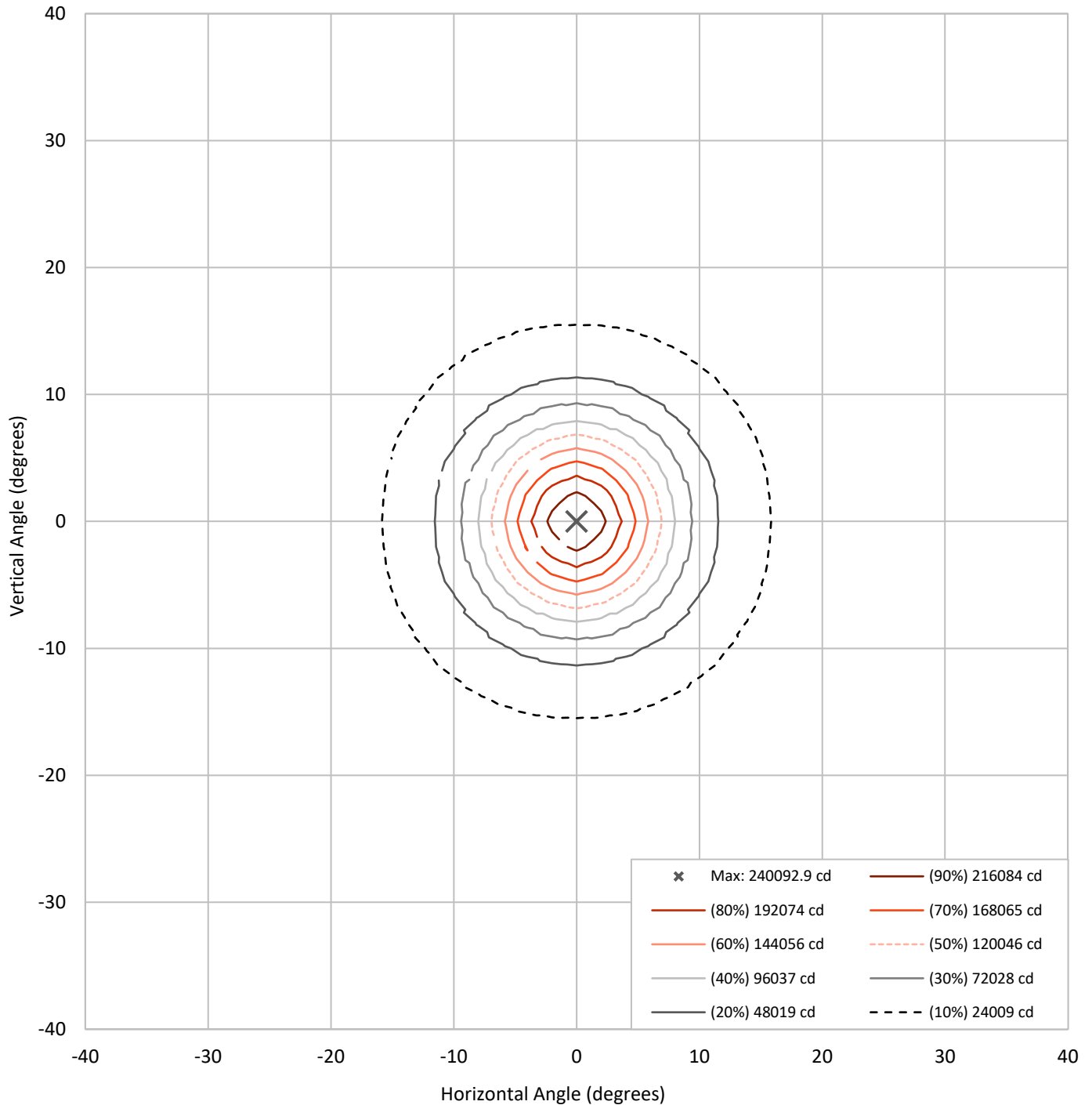
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	25494.3 lumens	Max Intensity:	240092.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.8 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:	7537.5 lumens	Field Lumens:	16962.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627799 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





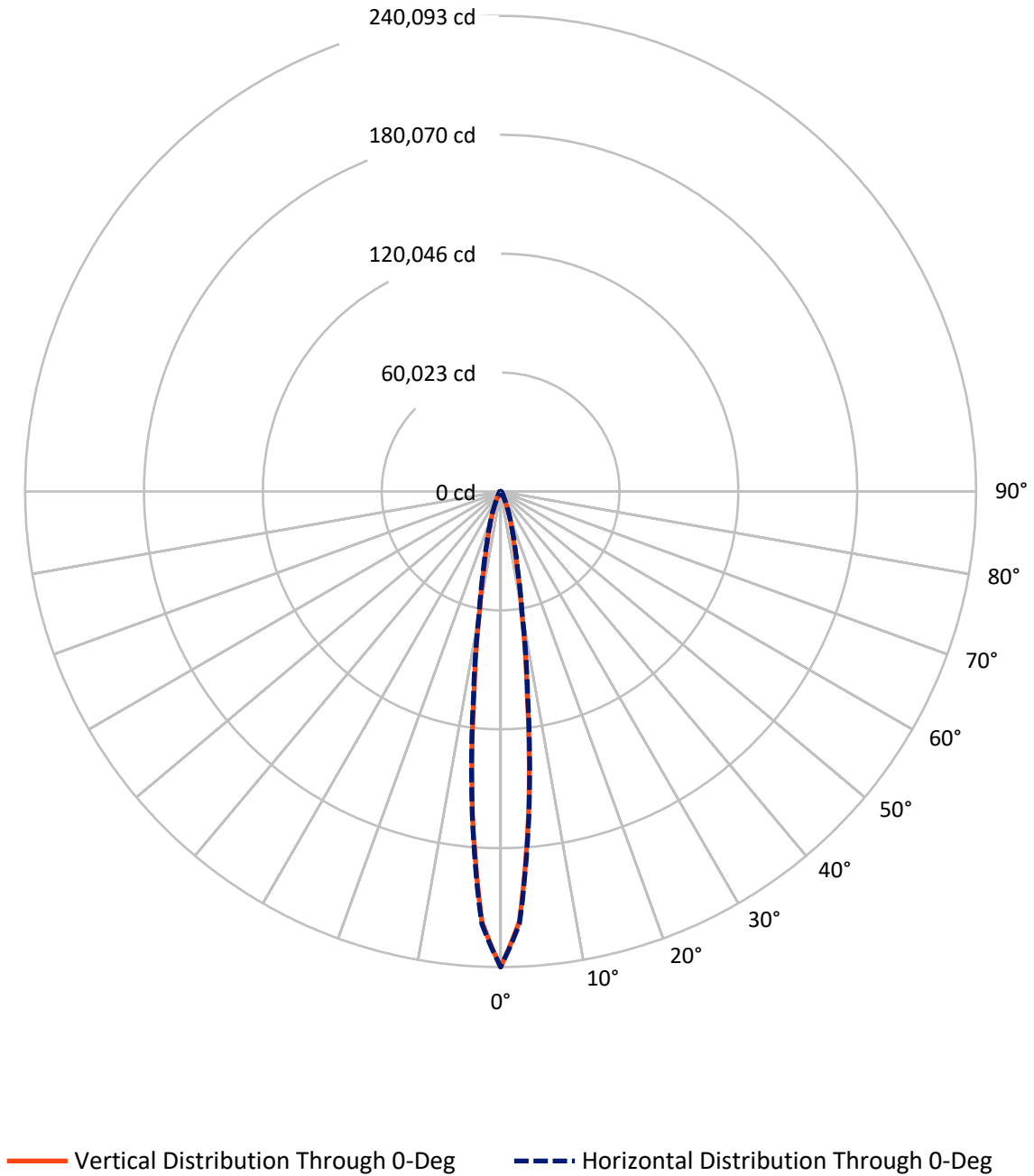
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Lumen Table

90	0.4		3.5		9.2		14.8		16.2		14.8		9.2		3.5		0.4		
80	0.4		3.5		9.2		14.8		16.2		14.8		9.2		3.5		0.4		
70	1.6	1.8	3.7	6.0	8.5	10.5	11.8	12.3	12.3	11.8	10.5	8.5	6.0	3.7	1.8	1.6			
60		2.7	5.5	9.0	12.0	14.7	16.4	17.1	17.1	16.4	14.7	12.0	9.0	5.5	2.7				
50	2.8	3.5	7.2	11.1	14.7	18.5	21.8	23.5	23.5	21.8	18.5	14.7	11.1	7.2	3.5	2.8			
40		4.3	8.4	12.8	18.1	26.1	36.7	45.5	45.5	36.7	26.1	18.1	12.8	8.4	4.3				
30	3.6	4.8	9.2	14.4	23.5	46.6	106.1	175.6	175.6	106.1	46.6	23.5	14.4	9.2	4.8	3.6			
20		5.2	9.7	15.9	31.1	98.9	351.2	756.5	756.5	351.2	98.9	31.1	15.9	9.7	5.2				
10	3.9	5.3	9.9	16.9	37.6	163.0	763.5	3298.3	3298.3	763.5	163.0	37.6	16.9	9.9	5.3	3.9			
0		5.3	9.9	16.9	37.6	163.0	763.5	3298.3	3298.3	763.5	163.0	37.6	16.9	9.9	5.3				
-10	3.6	5.2	9.7	15.9	31.1	98.9	351.2	756.5	756.5	351.2	98.9	31.1	15.9	9.7	5.2	3.6			
-20		4.8	9.2	14.4	23.5	46.6	106.1	175.6	175.6	106.1	46.6	23.5	14.4	9.2	4.8				
-30	2.8	4.3	8.4	12.8	18.1	26.1	36.7	45.5	45.5	36.7	26.1	18.1	12.8	8.4	4.3	2.8			
-40		3.5	7.2	11.1	14.7	18.5	21.8	23.5	23.5	21.8	18.5	14.7	11.1	7.2	3.5				
-50	1.6	2.7	5.5	9.0	12.0	14.7	16.4	17.1	17.1	16.4	14.7	12.0	9.0	5.5	2.7	1.6			
-60		1.8	3.7	6.0	8.5	10.5	11.8	12.3	12.3	11.8	10.5	8.5	6.0	3.7	1.8				
-70	0.4		3.5		9.2		14.8		16.2		14.8		9.2		3.5		0.4		
-80	0.4		3.5		9.2		14.8		16.2		14.8		9.2		3.5		0.4		
-90	0.4		3.5		9.2		14.8		16.2		14.8		9.2		3.5		0.4		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

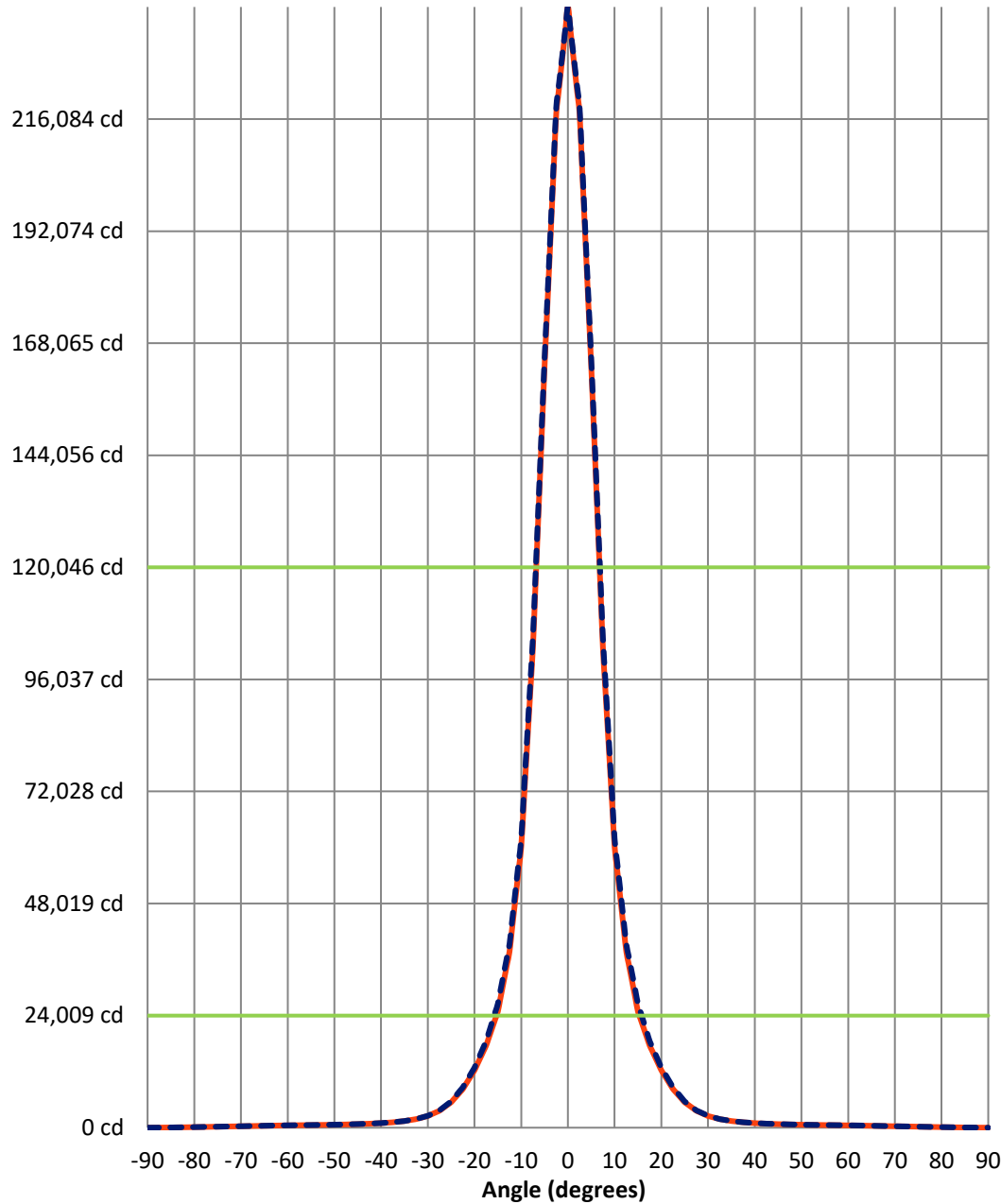
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 7537.5
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 16962.6
 Efficiency: 66.5%

Spill:
 Lumens: 8531.7
 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	0.8	1.8	2.7	3.6	4.5	5.3	6.2	7.0	7.9	8.7
85°	0.0	1.6	3.6	5.4	7.1	8.9	10.7	12.4	14.1	15.7	17.4
82.5°	0.0	2.3	5.4	8.0	10.7	13.3	16.0	18.5	21.3	25.1	28.8
80°	0.0	3.1	7.1	10.7	14.2	17.7	21.5	26.7	31.7	36.7	41.6
77.5°	0.0	3.9	8.9	13.3	17.7	22.8	29.3	35.8	42.1	48.3	55.0
75°	0.0	4.6	10.6	16.0	21.5	28.9	37.0	44.8	52.5	61.3	69.8
72.5°	0.0	5.4	12.2	18.5	26.1	35.0	44.5	54.1	64.4	74.6	84.5
70°	0.0	6.1	13.9	21.2	30.7	41.0	52.1	64.4	76.1	87.7	100.8
67.5°	0.0	6.8	15.4	24.5	35.2	46.8	60.7	74.6	87.7	102.6	117.2
65°	0.0	7.5	17.0	27.7	39.6	53.1	69.1	84.5	100.8	117.2	134.4
62.5°	0.0	8.2	18.5	30.7	43.8	60.0	77.4	95.3	113.5	132.1	153.7
60°	0.0	8.8	19.9	33.7	48.0	66.8	85.5	106.3	126.1	148.7	172.5
57.5°	0.0	9.5	21.7	36.7	53.2	73.3	94.4	117.0	139.8	164.8	190.6
55°	0.0	10.1	23.6	39.5	58.3	79.7	103.2	127.2	153.4	180.3	208.1
52.5°	0.0	10.6	25.3	42.2	63.2	86.0	111.7	138.3	166.4	195.2	224.9
50°	0.0	11.2	27.0	44.7	68.0	92.9	119.9	149.1	178.9	209.4	241.0
47.5°	0.0	11.7	28.7	47.4	72.5	99.5	128.0	159.5	190.8	222.9	256.7
45°	0.0	12.2	30.3	50.7	76.9	105.8	136.5	169.5	202.3	236.8	272.1
42.5°	0.0	12.6	31.9	53.9	81.1	111.8	144.7	179.1	213.3	250.2	287.0
40°	0.0	13.1	33.4	56.9	85.4	117.6	152.5	188.2	224.1	263.2	301.6
37.5°	0.0	13.5	34.8	59.9	89.8	123.0	159.9	196.9	234.8	275.3	315.7
35°	0.0	13.8	36.2	62.7	93.9	128.6	166.9	205.0	244.8	286.8	329.3
32.5°	0.0	14.2	37.5	65.3	97.7	134.0	173.4	212.7	254.0	297.5	341.1
30°	0.0	14.5	38.7	67.8	101.3	139.1	179.5	219.9	262.5	307.4	351.8
27.5°	0.0	14.7	39.8	70.0	104.7	143.7	185.1	226.7	270.3	316.6	361.4
25°	0.0	15.0	40.9	72.1	107.9	148.0	190.3	232.9	277.6	324.6	370.0
22.5°	0.0	15.1	41.9	74.0	110.8	151.8	194.9	238.3	284.3	331.6	377.4
20°	0.0	15.3	42.8	75.8	113.5	155.2	199.0	243.1	290.2	337.6	384.1
17.5°	0.0	15.4	43.6	77.3	115.8	158.0	202.5	247.2	295.3	342.6	390.0
15°	0.0	15.5	44.3	78.6	117.8	160.3	205.3	250.8	299.6	346.7	395.1
12.5°	0.0	15.6	44.9	79.7	119.6	162.2	207.6	254.2	303.2	349.9	399.4
10°	0.0	15.6	45.4	80.7	121.0	163.5	209.3	257.0	306.0	353.3	403.5
7.5°	0.0	15.6	45.8	81.4	122.1	164.5	210.5	259.3	307.9	356.2	408.2
5°	0.0	15.6	46.1	81.9	122.9	164.9	211.2	260.9	309.0	358.3	412.1
2.5°	0.0	15.5	46.2	82.2	123.3	165.0	211.3	262.0	309.2	359.6	414.9
0°	0.0	15.4	46.3	82.3	123.5	164.6	210.9	262.3	308.6	360.1	416.7
-2.5°	0.0	15.5	46.2	82.2	123.3	165.0	211.3	262.0	309.2	359.6	414.9
-5°	0.0	15.6	46.1	81.9	122.9	164.9	211.2	260.9	309.0	358.3	412.1
-7.5°	0.0	15.6	45.8	81.4	122.1	164.5	210.5	259.3	307.9	356.2	408.2
-10°	0.0	15.6	45.4	80.7	121.0	163.5	209.3	257.0	306.0	353.3	403.5
-12.5°	0.0	15.6	44.9	79.7	119.6	162.2	207.6	254.2	303.2	349.9	399.4
-15°	0.0	15.5	44.3	78.6	117.8	160.3	205.3	250.8	299.6	346.7	395.1
-17.5°	0.0	15.4	43.6	77.3	115.8	158.0	202.5	247.2	295.3	342.6	390.0
-20°	0.0	15.3	42.8	75.8	113.5	155.2	199.0	243.1	290.2	337.6	384.1

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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	15.1	41.9	74.0	110.8	151.8	194.9	238.3	284.3	331.6	377.4
-25°	0.0	15.0	40.9	72.1	107.9	148.0	190.3	232.9	277.6	324.6	370.0
-27.5°	0.0	14.7	39.8	70.0	104.7	143.7	185.1	226.7	270.3	316.6	361.4
-30°	0.0	14.5	38.7	67.8	101.3	139.1	179.5	219.9	262.5	307.4	351.8
-32.5°	0.0	14.2	37.5	65.3	97.7	134.0	173.4	212.7	254.0	297.5	341.1
-35°	0.0	13.8	36.2	62.7	93.9	128.6	166.9	205.0	244.8	286.8	329.3
-37.5°	0.0	13.5	34.8	59.9	89.8	123.0	159.9	196.9	234.8	275.3	315.7
-40°	0.0	13.1	33.4	56.9	85.4	117.6	152.5	188.2	224.1	263.2	301.6
-42.5°	0.0	12.6	31.9	53.9	81.1	111.8	144.7	179.1	213.3	250.2	287.0
-45°	0.0	12.2	30.3	50.7	76.9	105.8	136.5	169.5	202.3	236.8	272.1
-47.5°	0.0	11.7	28.7	47.4	72.5	99.5	128.0	159.5	190.8	222.9	256.7
-50°	0.0	11.2	27.0	44.7	68.0	92.9	119.9	149.1	178.9	209.4	241.0
-52.5°	0.0	10.6	25.3	42.2	63.2	86.0	111.7	138.3	166.4	195.2	224.9
-55°	0.0	10.1	23.6	39.5	58.3	79.7	103.2	127.2	153.4	180.3	208.1
-57.5°	0.0	9.5	21.7	36.7	53.2	73.3	94.4	117.0	139.8	164.8	190.6
-60°	0.0	8.8	19.9	33.7	48.0	66.8	85.5	106.3	126.1	148.7	172.5
-62.5°	0.0	8.2	18.5	30.7	43.8	60.0	77.4	95.3	113.5	132.1	153.7
-65°	0.0	7.5	17.0	27.7	39.6	53.1	69.1	84.5	100.8	117.2	134.4
-67.5°	0.0	6.8	15.4	24.5	35.2	46.8	60.7	74.6	87.7	102.6	117.2
-70°	0.0	6.1	13.9	21.2	30.7	41.0	52.1	64.4	76.1	87.7	100.8
-72.5°	0.0	5.4	12.2	18.5	26.1	35.0	44.5	54.1	64.4	74.6	84.5
-75°	0.0	4.6	10.6	16.0	21.5	28.9	37.0	44.8	52.5	61.3	69.8
-77.5°	0.0	3.9	8.9	13.3	17.7	22.8	29.3	35.8	42.1	48.3	55.0
-80°	0.0	3.1	7.1	10.7	14.2	17.7	21.5	26.7	31.7	36.7	41.6
-82.5°	0.0	2.3	5.4	8.0	10.7	13.3	16.0	18.5	21.3	25.1	28.8
-85°	0.0	1.6	3.6	5.4	7.1	8.9	10.7	12.4	14.1	15.7	17.4
-87.5°	0.0	0.8	1.8	2.7	3.6	4.5	5.3	6.2	7.0	7.9	8.7
-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°	9.5	10.3	11.1	11.8	12.5	13.2	13.9	14.6	15.2	15.8	16.3
85°	19.0	20.6	22.9	25.1	27.0	28.7	30.1	31.2	33.4	35.6	37.9
82.5°	32.4	35.9	39.3	42.7	45.0	46.8	48.6	51.3	55.8	60.2	64.1
80°	46.5	51.2	56.5	61.7	66.2	70.7	75.3	80.1	85.1	89.8	94.3
77.5°	62.0	68.9	75.6	82.1	88.6	95.6	102.4	108.9	115.1	121.1	126.7
75°	78.2	86.5	95.5	104.5	113.2	121.6	129.9	138.7	147.1	155.2	162.8
72.5°	95.3	106.3	117.0	127.5	138.7	149.8	160.5	170.8	180.8	191.3	202.3
70°	113.5	126.1	140.0	153.4	166.0	179.2	192.3	203.7	214.5	228.9	243.7
67.5°	132.2	149.2	164.9	180.0	196.8	212.3	225.7	240.2	255.6	272.2	286.8
65°	154.3	172.6	191.0	210.0	229.4	245.6	262.4	280.3	297.7	314.4	330.2
62.5°	176.0	196.8	217.8	238.6	258.5	277.9	298.2	318.1	337.3	356.7	373.7
60°	197.0	220.6	242.8	264.5	287.1	311.1	333.7	355.7	378.7	400.6	412.0
57.5°	217.3	242.4	265.6	290.0	316.5	343.7	367.3	392.3	412.0	427.2	442.1
55°	236.3	262.5	287.9	315.3	344.1	372.3	398.7	420.9	439.1	453.1	468.8
52.5°	254.1	281.7	309.4	339.3	369.9	400.0	427.6	448.4	464.8	479.1	493.9
50°	271.6	300.6	329.9	362.7	395.4	427.5	454.5	473.6	489.0	503.7	518.8
47.5°	288.8	319.2	350.7	385.7	421.2	452.2	477.7	495.2	510.8	528.0	544.6
45°	305.7	338.6	372.0	409.5	445.2	475.0	496.7	514.3	533.5	552.1	569.9
42.5°	322.2	357.6	393.9	432.8	467.2	494.1	514.4	535.1	555.8	575.6	595.7
40°	338.8	375.9	414.3	453.0	487.7	510.9	532.4	554.7	577.6	599.0	621.3
37.5°	354.7	393.2	432.8	471.8	503.3	526.9	549.2	573.8	597.9	621.3	650.3
35°	369.8	408.9	448.8	486.6	516.9	541.3	566.3	592.1	617.4	647.7	680.8
32.5°	383.4	423.0	463.4	498.7	528.4	554.7	582.6	609.6	640.0	674.3	713.9
30°	394.8	435.3	475.9	510.3	539.3	567.1	597.5	627.2	662.8	704.0	751.2
27.5°	404.8	446.4	485.8	520.3	549.8	577.5	609.4	647.0	687.8	734.0	789.4
25°	414.2	457.6	495.2	529.4	558.1	587.1	621.2	662.8	711.9	767.6	835.4
22.5°	423.0	468.3	504.8	538.1	564.7	595.9	634.4	679.7	733.0	798.3	880.8
20°	431.4	476.3	512.4	544.9	569.6	603.6	646.0	694.3	754.9	832.8	928.3
17.5°	439.2	483.2	518.3	548.9	576.0	611.9	656.3	706.3	774.0	864.2	971.9
15°	446.3	489.0	523.1	552.2	581.8	620.5	667.0	721.1	795.1	894.1	1010.5
12.5°	452.6	493.6	526.8	554.7	586.4	627.5	676.5	736.6	817.8	923.5	1059.5
10°	457.9	497.2	529.4	556.4	589.8	632.9	684.4	749.2	835.9	946.3	1097.2
7.5°	462.4	500.0	531.1	557.4	592.0	636.7	690.6	758.8	848.6	962.5	1124.4
5°	465.6	502.3	533.3	560.6	595.5	639.7	695.1	765.4	856.0	972.1	1141.3
2.5°	467.5	503.6	534.6	563.6	599.3	642.2	698.5	772.5	862.1	981.5	1154.2
0°	468.1	504.1	535.0	565.8	601.9	643.0	699.6	776.7	864.2	987.7	1162.6
-2.5°	467.5	503.6	534.6	563.6	599.3	642.2	698.5	772.5	862.1	981.5	1154.2
-5°	465.6	502.3	533.3	560.6	595.5	639.7	695.1	765.4	856.0	972.1	1141.3
-7.5°	462.4	500.0	531.1	557.4	592.0	636.7	690.6	758.8	848.6	962.5	1124.4
-10°	457.9	497.2	529.4	556.4	589.8	632.9	684.4	749.2	835.9	946.3	1097.2
-12.5°	452.6	493.6	526.8	554.7	586.4	627.5	676.5	736.6	817.8	923.5	1059.5
-15°	446.3	489.0	523.1	552.2	581.8	620.5	667.0	721.1	795.1	894.1	1010.5
-17.5°	439.2	483.2	518.3	548.9	576.0	611.9	656.3	706.3	774.0	864.2	971.9
-20°	431.4	476.3	512.4	544.9	569.6	603.6	646.0	694.3	754.9	832.8	928.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	423.0	468.3	504.8	538.1	564.7	595.9	634.4	679.7	733.0	798.3	880.8
-25°	414.2	457.6	495.2	529.4	558.1	587.1	621.2	662.8	711.9	767.6	835.4
-27.5°	404.8	446.4	485.8	520.3	549.8	577.5	609.4	647.0	687.8	734.0	789.4
-30°	394.8	435.3	475.9	510.3	539.3	567.1	597.5	627.2	662.8	704.0	751.2
-32.5°	383.4	423.0	463.4	498.7	528.4	554.7	582.6	609.6	640.0	674.3	713.9
-35°	369.8	408.9	448.8	486.6	516.9	541.3	566.3	592.1	617.4	647.7	680.8
-37.5°	354.7	393.2	432.8	471.8	503.3	526.9	549.2	573.8	597.9	621.3	650.3
-40°	338.8	375.9	414.3	453.0	487.7	510.9	532.4	554.7	577.6	599.0	621.3
-42.5°	322.2	357.6	393.9	432.8	467.2	494.1	514.4	535.1	555.8	575.6	595.7
-45°	305.7	338.6	372.0	409.5	445.2	475.0	496.7	514.3	533.5	552.1	569.9
-47.5°	288.8	319.2	350.7	385.7	421.2	452.2	477.7	495.2	510.8	528.0	544.6
-50°	271.6	300.6	329.9	362.7	395.4	427.5	454.5	473.6	489.0	503.7	518.8
-52.5°	254.1	281.7	309.4	339.3	369.9	400.0	427.6	448.4	464.8	479.1	493.9
-55°	236.3	262.5	287.9	315.3	344.1	372.3	398.7	420.9	439.1	453.1	468.8
-57.5°	217.3	242.4	265.6	290.0	316.5	343.7	367.3	392.3	412.0	427.2	442.1
-60°	197.0	220.6	242.8	264.5	287.1	311.1	333.7	355.7	378.7	400.6	412.0
-62.5°	176.0	196.8	217.8	238.6	258.5	277.9	298.2	318.1	337.3	356.7	373.7
-65°	154.3	172.6	191.0	210.0	229.4	245.6	262.4	280.3	297.7	314.4	330.2
-67.5°	132.2	149.2	164.9	180.0	196.8	212.3	225.7	240.2	255.6	272.2	286.8
-70°	113.5	126.1	140.0	153.4	166.0	179.2	192.3	203.7	214.5	228.9	243.7
-72.5°	95.3	106.3	117.0	127.5	138.7	149.8	160.5	170.8	180.8	191.3	202.3
-75°	78.2	86.5	95.5	104.5	113.2	121.6	129.9	138.7	147.1	155.2	162.8
-77.5°	62.0	68.9	75.6	82.1	88.6	95.6	102.4	108.9	115.1	121.1	126.7
-80°	46.5	51.2	56.5	61.7	66.2	70.7	75.3	80.1	85.1	89.8	94.3
-82.5°	32.4	35.9	39.3	42.7	45.0	46.8	48.6	51.3	55.8	60.2	64.1
-85°	19.0	20.6	22.9	25.1	27.0	28.7	30.1	31.2	33.4	35.6	37.9
-87.5°	9.5	10.3	11.1	11.8	12.5	13.2	13.9	14.6	15.2	15.8	16.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627799 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	16.9	17.4	17.8	18.3	18.7	19.0	19.4	19.6	19.9	18.8	17.7
85°	40.2	41.7	43.1	44.4	45.6	46.7	47.7	48.5	49.3	48.7	47.9
82.5°	67.7	70.4	72.9	75.1	77.2	79.1	80.9	82.4	83.7	83.6	83.2
80°	98.6	103.0	107.4	111.8	116.1	118.7	120.6	122.0	123.0	123.5	123.6
77.5°	132.5	139.3	146.5	153.5	160.3	164.3	167.1	169.4	171.3	171.7	171.4
75°	170.1	178.9	188.6	197.1	204.5	209.0	212.1	214.8	216.9	217.4	217.2
72.5°	213.8	224.7	233.4	240.5	246.8	251.6	255.5	258.9	261.6	262.7	262.9
70°	256.8	267.5	275.8	283.1	289.2	294.2	298.9	302.9	306.2	308.7	310.5
67.5°	300.3	312.6	321.1	327.7	332.9	338.2	344.4	349.8	354.4	357.5	359.0
65°	345.0	357.7	365.9	373.1	379.4	386.1	393.1	398.2	401.6	403.7	405.1
62.5°	388.3	400.1	410.4	420.0	429.2	436.8	441.6	445.9	449.5	452.6	454.9
60°	425.4	440.6	452.1	461.2	470.2	478.9	484.8	489.4	493.1	495.8	497.4
57.5°	457.2	472.5	486.1	495.0	504.7	515.1	521.9	525.9	529.5	532.6	534.1
55°	484.9	499.1	511.6	523.8	534.7	544.0	551.3	556.6	561.0	564.5	565.7
52.5°	509.9	525.3	540.0	553.0	563.7	572.6	579.8	586.3	591.3	594.7	596.2
50°	536.1	552.7	568.5	582.6	593.6	603.6	612.6	620.3	627.7	633.5	637.7
47.5°	561.9	579.6	597.0	612.5	625.8	640.3	653.3	664.3	675.1	683.8	689.8
45°	587.9	608.3	627.2	647.3	665.2	684.2	701.9	717.1	732.7	744.5	752.4
42.5°	616.8	640.0	662.8	687.8	712.2	736.9	763.6	787.5	805.9	823.1	837.2
40°	647.7	674.3	704.0	734.7	770.7	803.3	839.2	870.0	897.9	927.4	950.8
37.5°	680.8	713.9	753.0	794.0	840.6	885.2	932.1	978.2	1018.4	1065.8	1102.1
35°	717.3	761.6	809.7	865.1	923.0	987.1	1051.2	1125.3	1189.1	1259.2	1320.4
32.5°	760.4	813.3	876.5	949.6	1024.1	1121.1	1211.8	1329.8	1431.8	1543.2	1655.3
30°	804.9	874.0	955.5	1047.6	1165.9	1299.5	1448.3	1623.8	1804.7	1979.8	2191.0
27.5°	860.0	943.4	1042.1	1176.6	1350.8	1531.2	1787.2	2050.7	2383.2	2658.3	3046.1
25°	917.2	1015.3	1155.5	1338.6	1565.9	1879.1	2267.6	2688.6	3273.7	3787.7	4390.7
22.5°	979.4	1111.9	1286.4	1512.3	1857.0	2337.9	2926.0	3718.5	4581.6	5497.9	6409.4
20°	1044.3	1204.6	1433.3	1760.7	2233.7	2885.0	3894.6	5118.1	6351.1	7863.0	9201.8
17.5°	1119.4	1323.4	1605.3	2014.7	2646.0	3643.5	5044.2	6752.3	8665.1	10839.0	12769.0
15°	1182.0	1425.3	1781.0	2353.9	3222.0	4503.1	6269.4	8619.2	11493.7	14413.2	17375.2
12.5°	1254.7	1536.1	1953.8	2636.9	3727.2	5429.8	7834.1	10808.3	14398.2	18447.7	23221.5
10°	1319.2	1644.9	2164.2	3009.7	4342.2	6396.3	9314.3	12892.4	17525.2	23351.5	30744.1
7.5°	1367.0	1731.5	2326.6	3293.4	4873.8	7325.6	10712.8	15174.6	21061.3	28755.0	38900.8
5°	1398.0	1794.1	2441.5	3512.3	5290.0	8017.2	11737.7	16793.3	23895.2	34776.5	51957.2
2.5°	1416.6	1831.2	2507.1	3640.7	5543.0	8475.4	12517.4	18017.3	25731.8	38497.9	60354.9
0°	1424.9	1841.6	2546.3	3708.9	5627.6	8652.3	12875.5	18575.1	26553.5	39367.3	61831.4
-2.5°	1416.6	1831.2	2507.1	3640.7	5543.0	8475.4	12517.4	18017.3	25731.8	38497.9	60354.9
-5°	1398.0	1794.1	2441.5	3512.3	5290.0	8017.2	11737.7	16793.3	23895.2	34776.5	51957.2
-7.5°	1367.0	1731.5	2326.6	3293.4	4873.8	7325.6	10712.8	15174.6	21061.3	28755.0	38900.8
-10°	1319.2	1644.9	2164.2	3009.7	4342.2	6396.3	9314.3	12892.4	17525.2	23351.5	30744.1
-12.5°	1254.7	1536.1	1953.8	2636.9	3727.2	5429.8	7834.1	10808.3	14398.2	18447.7	23221.5
-15°	1182.0	1425.3	1781.0	2353.9	3222.0	4503.1	6269.4	8619.2	11493.7	14413.2	17375.2
-17.5°	1119.4	1323.4	1605.3	2014.7	2646.0	3643.5	5044.2	6752.3	8665.1	10839.0	12769.0
-20°	1044.3	1204.6	1433.3	1760.7	2233.7	2885.0	3894.6	5118.1	6351.1	7863.0	9201.8



REPORT NUMBER: P627799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	979.4	1111.9	1286.4	1512.3	1857.0	2337.9	2926.0	3718.5	4581.6	5497.9	6409.4
-25°	917.2	1015.3	1155.5	1338.6	1565.9	1879.1	2267.6	2688.6	3273.7	3787.7	4390.7
-27.5°	860.0	943.4	1042.1	1176.6	1350.8	1531.2	1787.2	2050.7	2383.2	2658.3	3046.1
-30°	804.9	874.0	955.5	1047.6	1165.9	1299.5	1448.3	1623.8	1804.7	1979.8	2191.0
-32.5°	760.4	813.3	876.5	949.6	1024.1	1121.1	1211.8	1329.8	1431.8	1543.2	1655.3
-35°	717.3	761.6	809.7	865.1	923.0	987.1	1051.2	1125.3	1189.1	1259.2	1320.4
-37.5°	680.8	713.9	753.0	794.0	840.6	885.2	932.1	978.2	1018.4	1065.8	1102.1
-40°	647.7	674.3	704.0	734.7	770.7	803.3	839.2	870.0	897.9	927.4	950.8
-42.5°	616.8	640.0	662.8	687.8	712.2	736.9	763.6	787.5	805.9	823.1	837.2
-45°	587.9	608.3	627.2	647.3	665.2	684.2	701.9	717.1	732.7	744.5	752.4
-47.5°	561.9	579.6	597.0	612.5	625.8	640.3	653.3	664.3	675.1	683.8	689.8
-50°	536.1	552.7	568.5	582.6	593.6	603.6	612.6	620.3	627.7	633.5	637.7
-52.5°	509.9	525.3	540.0	553.0	563.7	572.6	579.8	586.3	591.3	594.7	596.2
-55°	484.9	499.1	511.6	523.8	534.7	544.0	551.3	556.6	561.0	564.5	565.7
-57.5°	457.2	472.5	486.1	495.0	504.7	515.1	521.9	525.9	529.5	532.6	534.1
-60°	425.4	440.6	452.1	461.2	470.2	478.9	484.8	489.4	493.1	495.8	497.4
-62.5°	388.3	400.1	410.4	420.0	429.2	436.8	441.6	445.9	449.5	452.6	454.9
-65°	345.0	357.7	365.9	373.1	379.4	386.1	393.1	398.2	401.6	403.7	405.1
-67.5°	300.3	312.6	321.1	327.7	332.9	338.2	344.4	349.8	354.4	357.5	359.0
-70°	256.8	267.5	275.8	283.1	289.2	294.2	298.9	302.9	306.2	308.7	310.5
-72.5°	213.8	224.7	233.4	240.5	246.8	251.6	255.5	258.9	261.6	262.7	262.9
-75°	170.1	178.9	188.6	197.1	204.5	209.0	212.1	214.8	216.9	217.4	217.2
-77.5°	132.5	139.3	146.5	153.5	160.3	164.3	167.1	169.4	171.3	171.7	171.4
-80°	98.6	103.0	107.4	111.8	116.1	118.7	120.6	122.0	123.0	123.5	123.6
-82.5°	67.7	70.4	72.9	75.1	77.2	79.1	80.9	82.4	83.7	83.6	83.2
-85°	40.2	41.7	43.1	44.4	45.6	46.7	47.7	48.5	49.3	48.7	47.9
-87.5°	16.9	17.4	17.8	18.3	18.7	19.0	19.4	19.6	19.9	18.8	17.7
-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: P627799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	16.6	15.3	15.4	15.4	15.4	15.3	16.6	17.7	18.8	19.9	19.6
85°	47.1	46.1	46.2	46.3	46.2	46.1	47.1	47.9	48.7	49.3	48.5
82.5°	82.7	81.9	82.2	82.3	82.2	81.9	82.7	83.2	83.6	83.7	82.4
80°	123.4	122.9	120.8	118.3	120.8	122.9	123.4	123.6	123.5	123.0	122.0
77.5°	170.5	169.0	167.0	164.6	167.0	169.0	170.5	171.4	171.7	171.3	169.4
75°	216.4	215.1	215.7	216.0	215.7	215.1	216.4	217.2	217.4	216.9	214.8
72.5°	262.4	261.3	262.0	262.3	262.0	261.3	262.4	262.9	262.7	261.6	258.9
70°	311.8	312.3	311.0	308.6	311.0	312.3	311.8	310.5	308.7	306.2	302.9
67.5°	359.4	358.8	357.3	354.9	357.3	358.8	359.4	359.0	357.5	354.4	349.8
65°	405.5	405.0	405.9	406.4	405.9	405.0	405.5	405.1	403.7	401.6	398.2
62.5°	456.1	456.1	455.0	452.7	455.0	456.1	456.1	454.9	452.6	449.5	445.9
60°	498.1	497.7	496.3	493.8	496.3	497.7	498.1	497.4	495.8	493.1	489.4
57.5°	534.5	534.0	532.4	529.8	532.4	534.0	534.5	534.1	532.6	529.5	525.9
55°	565.8	565.1	563.3	560.7	563.3	565.1	565.8	565.7	564.5	561.0	556.6
52.5°	596.6	596.0	596.2	596.7	596.2	596.0	596.6	596.2	594.7	591.3	586.3
50°	640.3	641.2	640.4	637.9	640.4	641.2	640.3	637.7	633.5	627.7	620.3
47.5°	692.7	693.0	691.7	689.3	691.7	693.0	692.7	689.8	683.8	675.1	664.3
45°	758.7	762.4	763.4	761.3	763.4	762.4	758.7	752.4	744.5	732.7	717.1
42.5°	848.0	853.9	855.5	853.9	855.5	853.9	848.0	837.2	823.1	805.9	787.5
40°	965.2	971.9	973.2	972.2	973.2	971.9	965.2	950.8	927.4	897.9	870.0
37.5°	1127.5	1143.7	1151.4	1152.3	1151.4	1143.7	1127.5	1102.1	1065.8	1018.4	978.2
35°	1367.0	1399.3	1416.6	1424.9	1416.6	1399.3	1367.0	1320.4	1259.2	1189.1	1125.3
32.5°	1740.3	1805.0	1840.8	1836.4	1840.8	1805.0	1740.3	1655.3	1543.2	1431.8	1329.8
30°	2350.2	2463.3	2520.2	2505.1	2520.2	2463.3	2350.2	2191.0	1979.8	1804.7	1623.8
27.5°	3324.6	3529.1	3647.3	3631.7	3647.3	3529.1	3324.6	3046.1	2658.3	2383.2	2050.7
25°	4894.7	5267.8	5506.7	5447.5	5506.7	5267.8	4894.7	4390.7	3787.7	3273.7	2688.6
22.5°	7283.1	7915.2	8333.5	8281.9	8333.5	7915.2	7283.1	6409.4	5497.9	4581.6	3718.5
20°	10559.3	11521.4	12208.4	12299.4	12208.4	11521.4	10559.3	9201.8	7863.0	6351.1	5118.1
17.5°	14853.9	16379.3	17441.1	17618.3	17441.1	16379.3	14853.9	12769.0	10839.0	8665.1	6752.3
15°	20435.1	22928.4	24732.8	24881.7	24732.8	22928.4	20435.1	17375.2	14413.2	11493.7	8619.2
12.5°	28013.7	33028.3	36301.0	37741.8	36301.0	33028.3	28013.7	23221.5	18447.7	14398.2	10808.3
10°	38502.1	50020.3	57396.8	60169.8	57396.8	50020.3	38502.1	30744.1	23351.5	17525.2	12892.4
7.5°	56020.9	74104.8	94209.2	102777.9	94209.2	74104.8	56020.9	38900.8	28755.0	21061.3	15174.6
5°	75859.4	113390.7	149089.7	163030.0	149089.7	113390.7	75859.4	51957.2	34776.5	23895.2	16793.3
2.5°	96734.7	149047.9	198069.3	217240.5	198069.3	149047.9	96734.7	60354.9	38497.9	25731.8	18017.3
0°	104887.0	164660.7	218596.0	240092.9	218596.0	164660.7	104887.0	61831.4	39367.3	26553.5	18575.1
-2.5°	96734.7	149047.9	198069.3	217240.5	198069.3	149047.9	96734.7	60354.9	38497.9	25731.8	18017.3
-5°	75859.4	113390.7	149089.7	163030.0	149089.7	113390.7	75859.4	51957.2	34776.5	23895.2	16793.3
-7.5°	56020.9	74104.8	94209.2	102777.9	94209.2	74104.8	56020.9	38900.8	28755.0	21061.3	15174.6
-10°	38502.1	50020.3	57396.8	60169.8	57396.8	50020.3	38502.1	30744.1	23351.5	17525.2	12892.4
-12.5°	28013.7	33028.3	36301.0	37741.8	36301.0	33028.3	28013.7	23221.5	18447.7	14398.2	10808.3
-15°	20435.1	22928.4	24732.8	24881.7	24732.8	22928.4	20435.1	17375.2	14413.2	11493.7	8619.2
-17.5°	14853.9	16379.3	17441.1	17618.3	17441.1	16379.3	14853.9	12769.0	10839.0	8665.1	6752.3
-20°	10559.3	11521.4	12208.4	12299.4	12208.4	11521.4	10559.3	9201.8	7863.0	6351.1	5118.1



REPORT NUMBER: P627799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	7283.1	7915.2	8333.5	8281.9	8333.5	7915.2	7283.1	6409.4	5497.9	4581.6	3718.5
-25°	4894.7	5267.8	5506.7	5447.5	5506.7	5267.8	4894.7	4390.7	3787.7	3273.7	2688.6
-27.5°	3324.6	3529.1	3647.3	3631.7	3647.3	3529.1	3324.6	3046.1	2658.3	2383.2	2050.7
-30°	2350.2	2463.3	2520.2	2505.1	2520.2	2463.3	2350.2	2191.0	1979.8	1804.7	1623.8
-32.5°	1740.3	1805.0	1840.8	1836.4	1840.8	1805.0	1740.3	1655.3	1543.2	1431.8	1329.8
-35°	1367.0	1399.3	1416.6	1424.9	1416.6	1399.3	1367.0	1320.4	1259.2	1189.1	1125.3
-37.5°	1127.5	1143.7	1151.4	1152.3	1151.4	1143.7	1127.5	1102.1	1065.8	1018.4	978.2
-40°	965.2	971.9	973.2	972.2	973.2	971.9	965.2	950.8	927.4	897.9	870.0
-42.5°	848.0	853.9	855.5	853.9	855.5	853.9	848.0	837.2	823.1	805.9	787.5
-45°	758.7	762.4	763.4	761.3	763.4	762.4	758.7	752.4	744.5	732.7	717.1
-47.5°	692.7	693.0	691.7	689.3	691.7	693.0	692.7	689.8	683.8	675.1	664.3
-50°	640.3	641.2	640.4	637.9	640.4	641.2	640.3	637.7	633.5	627.7	620.3
-52.5°	596.6	596.0	596.2	596.7	596.2	596.0	596.6	596.2	594.7	591.3	586.3
-55°	565.8	565.1	563.3	560.7	563.3	565.1	565.8	565.7	564.5	561.0	556.6
-57.5°	534.5	534.0	532.4	529.8	532.4	534.0	534.5	534.1	532.6	529.5	525.9
-60°	498.1	497.7	496.3	493.8	496.3	497.7	498.1	497.4	495.8	493.1	489.4
-62.5°	456.1	456.1	455.0	452.7	455.0	456.1	456.1	454.9	452.6	449.5	445.9
-65°	405.5	405.0	405.9	406.4	405.9	405.0	405.5	405.1	403.7	401.6	398.2
-67.5°	359.4	358.8	357.3	354.9	357.3	358.8	359.4	359.0	357.5	354.4	349.8
-70°	311.8	312.3	311.0	308.6	311.0	312.3	311.8	310.5	308.7	306.2	302.9
-72.5°	262.4	261.3	262.0	262.3	262.0	261.3	262.4	262.9	262.7	261.6	258.9
-75°	216.4	215.1	215.7	216.0	215.7	215.1	216.4	217.2	217.4	216.9	214.8
-77.5°	170.5	169.0	167.0	164.6	167.0	169.0	170.5	171.4	171.7	171.3	169.4
-80°	123.4	122.9	120.8	118.3	120.8	122.9	123.4	123.6	123.5	123.0	122.0
-82.5°	82.7	81.9	82.2	82.3	82.2	81.9	82.7	83.2	83.6	83.7	82.4
-85°	47.1	46.1	46.2	46.3	46.2	46.1	47.1	47.9	48.7	49.3	48.5
-87.5°	16.6	15.3	15.4	15.4	15.4	15.3	16.6	17.7	18.8	19.9	19.6
-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: P627799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	19.4	19.0	18.7	18.3	17.8	17.4	16.9	16.3	15.8	15.2	14.6
85°	47.7	46.7	45.6	44.4	43.1	41.7	40.2	37.9	35.6	33.4	31.2
82.5°	80.9	79.1	77.2	75.1	72.9	70.4	67.7	64.1	60.2	55.8	51.3
80°	120.6	118.7	116.1	111.8	107.4	103.0	98.6	94.3	89.8	85.1	80.1
77.5°	167.1	164.3	160.3	153.5	146.5	139.3	132.5	126.7	121.1	115.1	108.9
75°	212.1	209.0	204.5	197.1	188.6	178.9	170.1	162.8	155.2	147.1	138.7
72.5°	255.5	251.6	246.8	240.5	233.4	224.7	213.8	202.3	191.3	180.8	170.8
70°	298.9	294.2	289.2	283.1	275.8	267.5	256.8	243.7	228.9	214.5	203.7
67.5°	344.4	338.2	332.9	327.7	321.1	312.6	300.3	286.8	272.2	255.6	240.2
65°	393.1	386.1	379.4	373.1	365.9	357.7	345.0	330.2	314.4	297.7	280.3
62.5°	441.6	436.8	429.2	420.0	410.4	400.1	388.3	373.7	356.7	337.3	318.1
60°	484.8	478.9	470.2	461.2	452.1	440.6	425.4	412.0	400.6	378.7	355.7
57.5°	521.9	515.1	504.7	495.0	486.1	472.5	457.2	442.1	427.2	412.0	392.3
55°	551.3	544.0	534.7	523.8	511.6	499.1	484.9	468.8	453.1	439.1	420.9
52.5°	579.8	572.6	563.7	553.0	540.0	525.3	509.9	493.9	479.1	464.8	448.4
50°	612.6	603.6	593.6	582.6	568.5	552.7	536.1	518.8	503.7	489.0	473.6
47.5°	653.3	640.3	625.8	612.5	597.0	579.6	561.9	544.6	528.0	510.8	495.2
45°	701.9	684.2	665.2	647.3	627.2	608.3	587.9	569.9	552.1	533.5	514.3
42.5°	763.6	736.9	712.2	687.8	662.8	640.0	616.8	595.7	575.6	555.8	535.1
40°	839.2	803.3	770.7	734.7	704.0	674.3	647.7	621.3	599.0	577.6	554.7
37.5°	932.1	885.2	840.6	794.0	753.0	713.9	680.8	650.3	621.3	597.9	573.8
35°	1051.2	987.1	923.0	865.1	809.7	761.6	717.3	680.8	647.7	617.4	592.1
32.5°	1211.8	1121.1	1024.1	949.6	876.5	813.3	760.4	713.9	674.3	640.0	609.6
30°	1448.3	1299.5	1165.9	1047.6	955.5	874.0	804.9	751.2	704.0	662.8	627.2
27.5°	1787.2	1531.2	1350.8	1176.6	1042.1	943.4	860.0	789.4	734.0	687.8	647.0
25°	2267.6	1879.1	1565.9	1338.6	1155.5	1015.3	917.2	835.4	767.6	711.9	662.8
22.5°	2926.0	2337.9	1857.0	1512.3	1286.4	1111.9	979.4	880.8	798.3	733.0	679.7
20°	3894.6	2885.0	2233.7	1760.7	1433.3	1204.6	1044.3	928.3	832.8	754.9	694.3
17.5°	5044.2	3643.5	2646.0	2014.7	1605.3	1323.4	1119.4	971.9	864.2	774.0	706.3
15°	6269.4	4503.1	3222.0	2353.9	1781.0	1425.3	1182.0	1010.5	894.1	795.1	721.1
12.5°	7834.1	5429.8	3727.2	2636.9	1953.8	1536.1	1254.7	1059.5	923.5	817.8	736.6
10°	9314.3	6396.3	4342.2	3009.7	2164.2	1644.9	1319.2	1097.2	946.3	835.9	749.2
7.5°	10712.8	7325.6	4873.8	3293.4	2326.6	1731.5	1367.0	1124.4	962.5	848.6	758.8
5°	11737.7	8017.2	5290.0	3512.3	2441.5	1794.1	1398.0	1141.3	972.1	856.0	765.4
2.5°	12517.4	8475.4	5543.0	3640.7	2507.1	1831.2	1416.6	1154.2	981.5	862.1	772.5
0°	12875.5	8652.3	5627.6	3708.9	2546.3	1841.6	1424.9	1162.6	987.7	864.2	776.7
-2.5°	12517.4	8475.4	5543.0	3640.7	2507.1	1831.2	1416.6	1154.2	981.5	862.1	772.5
-5°	11737.7	8017.2	5290.0	3512.3	2441.5	1794.1	1398.0	1141.3	972.1	856.0	765.4
-7.5°	10712.8	7325.6	4873.8	3293.4	2326.6	1731.5	1367.0	1124.4	962.5	848.6	758.8
-10°	9314.3	6396.3	4342.2	3009.7	2164.2	1644.9	1319.2	1097.2	946.3	835.9	749.2
-12.5°	7834.1	5429.8	3727.2	2636.9	1953.8	1536.1	1254.7	1059.5	923.5	817.8	736.6
-15°	6269.4	4503.1	3222.0	2353.9	1781.0	1425.3	1182.0	1010.5	894.1	795.1	721.1
-17.5°	5044.2	3643.5	2646.0	2014.7	1605.3	1323.4	1119.4	971.9	864.2	774.0	706.3
-20°	3894.6	2885.0	2233.7	1760.7	1433.3	1204.6	1044.3	928.3	832.8	754.9	694.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	2926.0	2337.9	1857.0	1512.3	1286.4	1111.9	979.4	880.8	798.3	733.0	679.7
-25°	2267.6	1879.1	1565.9	1338.6	1155.5	1015.3	917.2	835.4	767.6	711.9	662.8
-27.5°	1787.2	1531.2	1350.8	1176.6	1042.1	943.4	860.0	789.4	734.0	687.8	647.0
-30°	1448.3	1299.5	1165.9	1047.6	955.5	874.0	804.9	751.2	704.0	662.8	627.2
-32.5°	1211.8	1121.1	1024.1	949.6	876.5	813.3	760.4	713.9	674.3	640.0	609.6
-35°	1051.2	987.1	923.0	865.1	809.7	761.6	717.3	680.8	647.7	617.4	592.1
-37.5°	932.1	885.2	840.6	794.0	753.0	713.9	680.8	650.3	621.3	597.9	573.8
-40°	839.2	803.3	770.7	734.7	704.0	674.3	647.7	621.3	599.0	577.6	554.7
-42.5°	763.6	736.9	712.2	687.8	662.8	640.0	616.8	595.7	575.6	555.8	535.1
-45°	701.9	684.2	665.2	647.3	627.2	608.3	587.9	569.9	552.1	533.5	514.3
-47.5°	653.3	640.3	625.8	612.5	597.0	579.6	561.9	544.6	528.0	510.8	495.2
-50°	612.6	603.6	593.6	582.6	568.5	552.7	536.1	518.8	503.7	489.0	473.6
-52.5°	579.8	572.6	563.7	553.0	540.0	525.3	509.9	493.9	479.1	464.8	448.4
-55°	551.3	544.0	534.7	523.8	511.6	499.1	484.9	468.8	453.1	439.1	420.9
-57.5°	521.9	515.1	504.7	495.0	486.1	472.5	457.2	442.1	427.2	412.0	392.3
-60°	484.8	478.9	470.2	461.2	452.1	440.6	425.4	412.0	400.6	378.7	355.7
-62.5°	441.6	436.8	429.2	420.0	410.4	400.1	388.3	373.7	356.7	337.3	318.1
-65°	393.1	386.1	379.4	373.1	365.9	357.7	345.0	330.2	314.4	297.7	280.3
-67.5°	344.4	338.2	332.9	327.7	321.1	312.6	300.3	286.8	272.2	255.6	240.2
-70°	298.9	294.2	289.2	283.1	275.8	267.5	256.8	243.7	228.9	214.5	203.7
-72.5°	255.5	251.6	246.8	240.5	233.4	224.7	213.8	202.3	191.3	180.8	170.8
-75°	212.1	209.0	204.5	197.1	188.6	178.9	170.1	162.8	155.2	147.1	138.7
-77.5°	167.1	164.3	160.3	153.5	146.5	139.3	132.5	126.7	121.1	115.1	108.9
-80°	120.6	118.7	116.1	111.8	107.4	103.0	98.6	94.3	89.8	85.1	80.1
-82.5°	80.9	79.1	77.2	75.1	72.9	70.4	67.7	64.1	60.2	55.8	51.3
-85°	47.7	46.7	45.6	44.4	43.1	41.7	40.2	37.9	35.6	33.4	31.2
-87.5°	19.4	19.0	18.7	18.3	17.8	17.4	16.9	16.3	15.8	15.2	14.6
-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: P627799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	13.9	13.2	12.5	11.8	11.1	10.3	9.5	8.7	7.9	7.0	6.2
85°	30.1	28.7	27.0	25.1	22.9	20.6	19.0	17.4	15.7	14.1	12.4
82.5°	48.6	46.8	45.0	42.7	39.3	35.9	32.4	28.8	25.1	21.3	18.5
80°	75.3	70.7	66.2	61.7	56.5	51.2	46.5	41.6	36.7	31.7	26.7
77.5°	102.4	95.6	88.6	82.1	75.6	68.9	62.0	55.0	48.3	42.1	35.8
75°	129.9	121.6	113.2	104.5	95.5	86.5	78.2	69.8	61.3	52.5	44.8
72.5°	160.5	149.8	138.7	127.5	117.0	106.3	95.3	84.5	74.6	64.4	54.1
70°	192.3	179.2	166.0	153.4	140.0	126.1	113.5	100.8	87.7	76.1	64.4
67.5°	225.7	212.3	196.8	180.0	164.9	149.2	132.2	117.2	102.6	87.7	74.6
65°	262.4	245.6	229.4	210.0	191.0	172.6	154.3	134.4	117.2	100.8	84.5
62.5°	298.2	277.9	258.5	238.6	217.8	196.8	176.0	153.7	132.1	113.5	95.3
60°	333.7	311.1	287.1	264.5	242.8	220.6	197.0	172.5	148.7	126.1	106.3
57.5°	367.3	343.7	316.5	290.0	265.6	242.4	217.3	190.6	164.8	139.8	117.0
55°	398.7	372.3	344.1	315.3	287.9	262.5	236.3	208.1	180.3	153.4	127.2
52.5°	427.6	400.0	369.9	339.3	309.4	281.7	254.1	224.9	195.2	166.4	138.3
50°	454.5	427.5	395.4	362.7	329.9	300.6	271.6	241.0	209.4	178.9	149.1
47.5°	477.7	452.2	421.2	385.7	350.7	319.2	288.8	256.7	222.9	190.8	159.5
45°	496.7	475.0	445.2	409.5	372.0	338.6	305.7	272.1	236.8	202.3	169.5
42.5°	514.4	494.1	467.2	432.8	393.9	357.6	322.2	287.0	250.2	213.3	179.1
40°	532.4	510.9	487.7	453.0	414.3	375.9	338.8	301.6	263.2	224.1	188.2
37.5°	549.2	526.9	503.3	471.8	432.8	393.2	354.7	315.7	275.3	234.8	196.9
35°	566.3	541.3	516.9	486.6	448.8	408.9	369.8	329.3	286.8	244.8	205.0
32.5°	582.6	554.7	528.4	498.7	463.4	423.0	383.4	341.1	297.5	254.0	212.7
30°	597.5	567.1	539.3	510.3	475.9	435.3	394.8	351.8	307.4	262.5	219.9
27.5°	609.4	577.5	549.8	520.3	485.8	446.4	404.8	361.4	316.6	270.3	226.7
25°	621.2	587.1	558.1	529.4	495.2	457.6	414.2	370.0	324.6	277.6	232.9
22.5°	634.4	595.9	564.7	538.1	504.8	468.3	423.0	377.4	331.6	284.3	238.3
20°	646.0	603.6	569.6	544.9	512.4	476.3	431.4	384.1	337.6	290.2	243.1
17.5°	656.3	611.9	576.0	548.9	518.3	483.2	439.2	390.0	342.6	295.3	247.2
15°	667.0	620.5	581.8	552.2	523.1	489.0	446.3	395.1	346.7	299.6	250.8
12.5°	676.5	627.5	586.4	554.7	526.8	493.6	452.6	399.4	349.9	303.2	254.2
10°	684.4	632.9	589.8	556.4	529.4	497.2	457.9	403.5	353.3	306.0	257.0
7.5°	690.6	636.7	592.0	557.4	531.1	500.0	462.4	408.2	356.2	307.9	259.3
5°	695.1	639.7	595.5	560.6	533.3	502.3	465.6	412.1	358.3	309.0	260.9
2.5°	698.5	642.2	599.3	563.6	534.6	503.6	467.5	414.9	359.6	309.2	262.0
0°	699.6	643.0	601.9	565.8	535.0	504.1	468.1	416.7	360.1	308.6	262.3
-2.5°	698.5	642.2	599.3	563.6	534.6	503.6	467.5	414.9	359.6	309.2	262.0
-5°	695.1	639.7	595.5	560.6	533.3	502.3	465.6	412.1	358.3	309.0	260.9
-7.5°	690.6	636.7	592.0	557.4	531.1	500.0	462.4	408.2	356.2	307.9	259.3
-10°	684.4	632.9	589.8	556.4	529.4	497.2	457.9	403.5	353.3	306.0	257.0
-12.5°	676.5	627.5	586.4	554.7	526.8	493.6	452.6	399.4	349.9	303.2	254.2
-15°	667.0	620.5	581.8	552.2	523.1	489.0	446.3	395.1	346.7	299.6	250.8
-17.5°	656.3	611.9	576.0	548.9	518.3	483.2	439.2	390.0	342.6	295.3	247.2
-20°	646.0	603.6	569.6	544.9	512.4	476.3	431.4	384.1	337.6	290.2	243.1

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	634.4	595.9	564.7	538.1	504.8	468.3	423.0	377.4	331.6	284.3	238.3
-25°	621.2	587.1	558.1	529.4	495.2	457.6	414.2	370.0	324.6	277.6	232.9
-27.5°	609.4	577.5	549.8	520.3	485.8	446.4	404.8	361.4	316.6	270.3	226.7
-30°	597.5	567.1	539.3	510.3	475.9	435.3	394.8	351.8	307.4	262.5	219.9
-32.5°	582.6	554.7	528.4	498.7	463.4	423.0	383.4	341.1	297.5	254.0	212.7
-35°	566.3	541.3	516.9	486.6	448.8	408.9	369.8	329.3	286.8	244.8	205.0
-37.5°	549.2	526.9	503.3	471.8	432.8	393.2	354.7	315.7	275.3	234.8	196.9
-40°	532.4	510.9	487.7	453.0	414.3	375.9	338.8	301.6	263.2	224.1	188.2
-42.5°	514.4	494.1	467.2	432.8	393.9	357.6	322.2	287.0	250.2	213.3	179.1
-45°	496.7	475.0	445.2	409.5	372.0	338.6	305.7	272.1	236.8	202.3	169.5
-47.5°	477.7	452.2	421.2	385.7	350.7	319.2	288.8	256.7	222.9	190.8	159.5
-50°	454.5	427.5	395.4	362.7	329.9	300.6	271.6	241.0	209.4	178.9	149.1
-52.5°	427.6	400.0	369.9	339.3	309.4	281.7	254.1	224.9	195.2	166.4	138.3
-55°	398.7	372.3	344.1	315.3	287.9	262.5	236.3	208.1	180.3	153.4	127.2
-57.5°	367.3	343.7	316.5	290.0	265.6	242.4	217.3	190.6	164.8	139.8	117.0
-60°	333.7	311.1	287.1	264.5	242.8	220.6	197.0	172.5	148.7	126.1	106.3
-62.5°	298.2	277.9	258.5	238.6	217.8	196.8	176.0	153.7	132.1	113.5	95.3
-65°	262.4	245.6	229.4	210.0	191.0	172.6	154.3	134.4	117.2	100.8	84.5
-67.5°	225.7	212.3	196.8	180.0	164.9	149.2	132.2	117.2	102.6	87.7	74.6
-70°	192.3	179.2	166.0	153.4	140.0	126.1	113.5	100.8	87.7	76.1	64.4
-72.5°	160.5	149.8	138.7	127.5	117.0	106.3	95.3	84.5	74.6	64.4	54.1
-75°	129.9	121.6	113.2	104.5	95.5	86.5	78.2	69.8	61.3	52.5	44.8
-77.5°	102.4	95.6	88.6	82.1	75.6	68.9	62.0	55.0	48.3	42.1	35.8
-80°	75.3	70.7	66.2	61.7	56.5	51.2	46.5	41.6	36.7	31.7	26.7
-82.5°	48.6	46.8	45.0	42.7	39.3	35.9	32.4	28.8	25.1	21.3	18.5
-85°	30.1	28.7	27.0	25.1	22.9	20.6	19.0	17.4	15.7	14.1	12.4
-87.5°	13.9	13.2	12.5	11.8	11.1	10.3	9.5	8.7	7.9	7.0	6.2
-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: P627799 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	5.3	4.5	3.6	2.7	1.8	0.8	0.0
85°	10.7	8.9	7.1	5.4	3.6	1.6	0.0
82.5°	16.0	13.3	10.7	8.0	5.4	2.3	0.0
80°	21.5	17.7	14.2	10.7	7.1	3.1	0.0
77.5°	29.3	22.8	17.7	13.3	8.9	3.9	0.0
75°	37.0	28.9	21.5	16.0	10.6	4.6	0.0
72.5°	44.5	35.0	26.1	18.5	12.2	5.4	0.0
70°	52.1	41.0	30.7	21.2	13.9	6.1	0.0
67.5°	60.7	46.8	35.2	24.5	15.4	6.8	0.0
65°	69.1	53.1	39.6	27.7	17.0	7.5	0.0
62.5°	77.4	60.0	43.8	30.7	18.5	8.2	0.0
60°	85.5	66.8	48.0	33.7	19.9	8.8	0.0
57.5°	94.4	73.3	53.2	36.7	21.7	9.5	0.0
55°	103.2	79.7	58.3	39.5	23.6	10.1	0.0
52.5°	111.7	86.0	63.2	42.2	25.3	10.6	0.0
50°	119.9	92.9	68.0	44.7	27.0	11.2	0.0
47.5°	128.0	99.5	72.5	47.4	28.7	11.7	0.0
45°	136.5	105.8	76.9	50.7	30.3	12.2	0.0
42.5°	144.7	111.8	81.1	53.9	31.9	12.6	0.0
40°	152.5	117.6	85.4	56.9	33.4	13.1	0.0
37.5°	159.9	123.0	89.8	59.9	34.8	13.5	0.0
35°	166.9	128.6	93.9	62.7	36.2	13.8	0.0
32.5°	173.4	134.0	97.7	65.3	37.5	14.2	0.0
30°	179.5	139.1	101.3	67.8	38.7	14.5	0.0
27.5°	185.1	143.7	104.7	70.0	39.8	14.7	0.0
25°	190.3	148.0	107.9	72.1	40.9	15.0	0.0
22.5°	194.9	151.8	110.8	74.0	41.9	15.1	0.0
20°	199.0	155.2	113.5	75.8	42.8	15.3	0.0
17.5°	202.5	158.0	115.8	77.3	43.6	15.4	0.0
15°	205.3	160.3	117.8	78.6	44.3	15.5	0.0
12.5°	207.6	162.2	119.6	79.7	44.9	15.6	0.0
10°	209.3	163.5	121.0	80.7	45.4	15.6	0.0
7.5°	210.5	164.5	122.1	81.4	45.8	15.6	0.0
5°	211.2	164.9	122.9	81.9	46.1	15.6	0.0
2.5°	211.3	165.0	123.3	82.2	46.2	15.5	0.0
0°	210.9	164.6	123.5	82.3	46.3	15.4	0.0
-2.5°	211.3	165.0	123.3	82.2	46.2	15.5	0.0
-5°	211.2	164.9	122.9	81.9	46.1	15.6	0.0
-7.5°	210.5	164.5	122.1	81.4	45.8	15.6	0.0
-10°	209.3	163.5	121.0	80.7	45.4	15.6	0.0
-12.5°	207.6	162.2	119.6	79.7	44.9	15.6	0.0
-15°	205.3	160.3	117.8	78.6	44.3	15.5	0.0
-17.5°	202.5	158.0	115.8	77.3	43.6	15.4	0.0
-20°	199.0	155.2	113.5	75.8	42.8	15.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	194.9	151.8	110.8	74.0	41.9	15.1	0.0
-25°	190.3	148.0	107.9	72.1	40.9	15.0	0.0
-27.5°	185.1	143.7	104.7	70.0	39.8	14.7	0.0
-30°	179.5	139.1	101.3	67.8	38.7	14.5	0.0
-32.5°	173.4	134.0	97.7	65.3	37.5	14.2	0.0
-35°	166.9	128.6	93.9	62.7	36.2	13.8	0.0
-37.5°	159.9	123.0	89.8	59.9	34.8	13.5	0.0
-40°	152.5	117.6	85.4	56.9	33.4	13.1	0.0
-42.5°	144.7	111.8	81.1	53.9	31.9	12.6	0.0
-45°	136.5	105.8	76.9	50.7	30.3	12.2	0.0
-47.5°	128.0	99.5	72.5	47.4	28.7	11.7	0.0
-50°	119.9	92.9	68.0	44.7	27.0	11.2	0.0
-52.5°	111.7	86.0	63.2	42.2	25.3	10.6	0.0
-55°	103.2	79.7	58.3	39.5	23.6	10.1	0.0
-57.5°	94.4	73.3	53.2	36.7	21.7	9.5	0.0
-60°	85.5	66.8	48.0	33.7	19.9	8.8	0.0
-62.5°	77.4	60.0	43.8	30.7	18.5	8.2	0.0
-65°	69.1	53.1	39.6	27.7	17.0	7.5	0.0
-67.5°	60.7	46.8	35.2	24.5	15.4	6.8	0.0
-70°	52.1	41.0	30.7	21.2	13.9	6.1	0.0
-72.5°	44.5	35.0	26.1	18.5	12.2	5.4	0.0
-75°	37.0	28.9	21.5	16.0	10.6	4.6	0.0
-77.5°	29.3	22.8	17.7	13.3	8.9	3.9	0.0
-80°	21.5	17.7	14.2	10.7	7.1	3.1	0.0
-82.5°	16.0	13.3	10.7	8.0	5.4	2.3	0.0
-85°	10.7	8.9	7.1	5.4	3.6	1.6	0.0
-87.5°	5.3	4.5	3.6	2.7	1.8	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)