

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: P627569 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627569 (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-SA5B-730-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N113
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

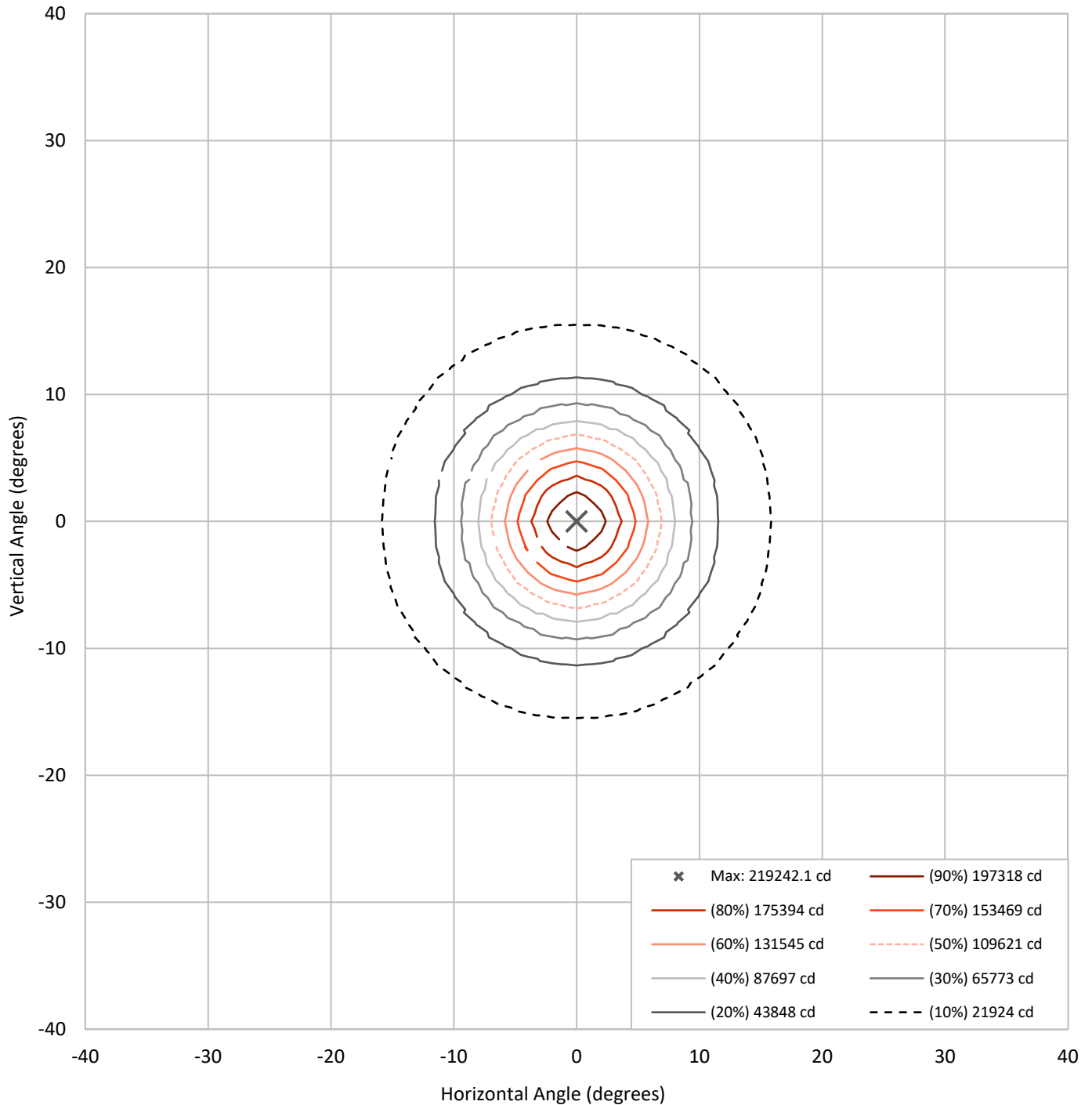
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	23280.3 lumens	Max Intensity:	219242.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	146.7 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:	6882.9 lumens	Field Lumens:	15489.5 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	158.7		
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





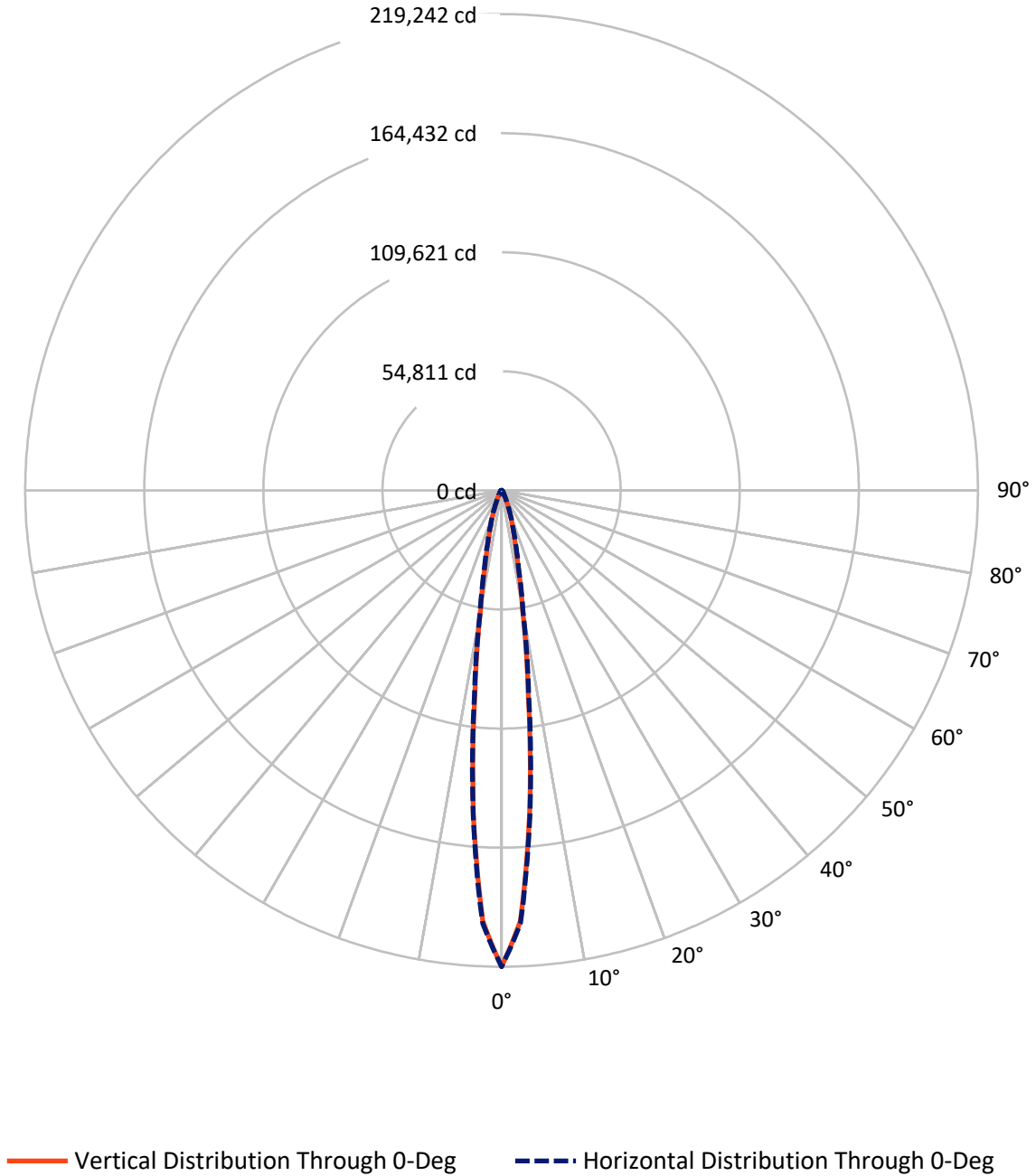
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Lumen Table

90	0.4	3.2		8.4		13.6		14.8		13.6		8.4		3.2		0.4			
80	0.4	3.2		8.4		13.6		14.8		13.6		8.4		3.2		0.4			
70	1.4	1.6	3.4	5.5	7.8	9.6	10.7	11.2	11.2	10.7	9.6	7.8	5.5	3.4	1.6	1.4			
60		2.5	5.1	8.2	11.0	13.4	15.0	15.7	15.7	15.0	13.4	11.0	8.2	5.1	2.5				
50	2.5	3.2	6.5	10.1	13.5	16.9	19.9	21.5	21.5	19.9	16.9	13.5	10.1	6.5	3.2	2.5			
40		3.9	7.7	11.7	16.6	23.8	33.6	41.5	41.5	33.6	23.8	16.6	11.7	7.7	3.9				
30	3.3	4.4	8.4	13.2	21.4	42.5	96.9	160.3	160.3	96.9	42.5	21.4	13.2	8.4	4.4	3.3			
20		4.7	8.8	14.5	28.4	90.3	320.7	690.8	690.8	320.7	90.3	28.4	14.5	8.8	4.7				
10	3.5	4.9	9.0	15.4	34.4	148.9	697.2	3011.8	3011.8	697.2	148.9	34.4	15.4	9.0	4.9	3.5			
0		4.9	9.0	15.4	34.4	148.9	697.2	3011.8	3011.8	697.2	148.9	34.4	15.4	9.0	4.9				
-10	3.3	4.7	8.8	14.5	28.4	90.3	320.7	690.8	690.8	320.7	90.3	28.4	14.5	8.8	4.7	3.3			
-20		4.4	8.4	13.2	21.4	42.5	96.9	160.3	160.3	96.9	42.5	21.4	13.2	8.4	4.4				
-30	2.5	3.9	7.7	11.7	16.6	23.8	33.6	41.5	41.5	33.6	23.8	16.6	11.7	7.7	3.9	2.5			
-40		3.2	6.5	10.1	13.5	16.9	19.9	21.5	21.5	19.9	16.9	13.5	10.1	6.5	3.2				
-50	1.4	2.5	5.1	8.2	11.0	13.4	15.0	15.7	15.7	15.0	13.4	11.0	8.2	5.1	2.5	1.4			
-60		1.6	3.4	5.5	7.8	9.6	10.7	11.2	11.2	10.7	9.6	7.8	5.5	3.4	1.6				
-70	0.4	3.2		8.4		13.6		14.8		13.6		8.4		3.2		0.4			
-80		3.2		8.4		13.6		14.8		13.6		8.4		3.2					
-90	0.4	3.2		8.4		13.6		14.8		13.6		8.4		3.2		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

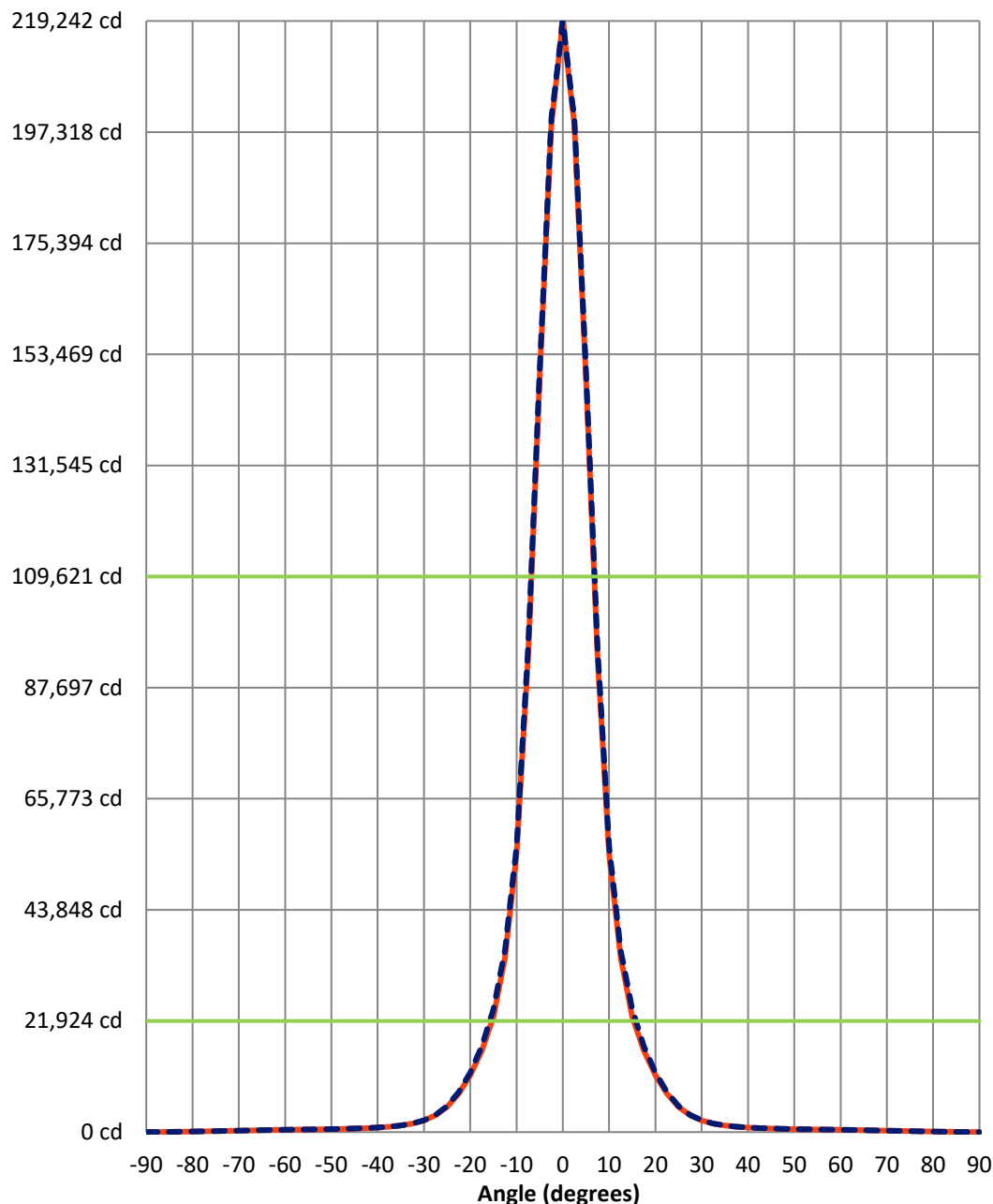
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 6882.9
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 15489.5
 Efficiency: 66.5%

Spill:
 Lumens: 7790.9
 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	0.7	1.6	2.5	3.3	4.1	4.9	5.7	6.4	7.2	7.9
85°	0.0	1.4	3.3	4.9	6.5	8.1	9.7	11.3	12.8	14.4	15.9
82.5°	0.0	2.1	4.9	7.3	9.8	12.2	14.6	16.9	19.5	22.9	26.3
80°	0.0	2.8	6.5	9.8	13.0	16.2	19.7	24.4	29.0	33.6	38.1
77.5°	0.0	3.5	8.1	12.2	16.2	20.8	26.8	32.7	38.5	44.2	50.3
75°	0.0	4.2	9.6	14.6	19.6	26.4	33.8	41.0	48.0	56.0	63.8
72.5°	0.0	4.9	11.2	16.9	23.9	32.0	40.7	49.5	58.9	68.2	77.3
70°	0.0	5.6	12.7	19.4	28.1	37.4	47.6	58.9	69.6	80.2	92.1
67.5°	0.0	6.2	14.1	22.3	32.2	42.7	55.5	68.2	80.2	93.7	107.0
65°	0.0	6.9	15.5	25.2	36.2	48.6	63.2	77.3	92.1	107.0	122.7
62.5°	0.0	7.5	16.9	28.1	40.1	54.9	70.8	87.1	103.7	120.6	140.4
60°	0.0	8.1	18.2	30.8	43.8	61.0	78.1	97.1	115.1	135.8	157.5
57.5°	0.0	8.6	19.9	33.5	48.6	67.0	86.2	106.8	127.6	150.5	174.1
55°	0.0	9.2	21.5	36.0	53.2	72.8	94.2	116.1	140.0	164.6	190.0
52.5°	0.0	9.7	23.1	38.5	57.7	78.6	102.0	126.2	152.0	178.2	205.3
50°	0.0	10.2	24.7	40.9	62.1	84.8	109.5	136.1	163.4	191.2	220.0
47.5°	0.0	10.7	26.2	43.3	66.3	90.8	116.8	145.6	174.3	203.6	234.4
45°	0.0	11.1	27.7	46.3	70.3	96.6	124.6	154.8	184.7	216.2	248.5
42.5°	0.0	11.6	29.1	49.2	74.1	102.1	132.1	163.5	194.8	228.5	262.1
40°	0.0	12.0	30.5	52.0	78.1	107.3	139.2	171.9	204.6	240.4	275.4
37.5°	0.0	12.3	31.8	54.7	82.0	112.3	146.0	179.8	214.5	251.5	288.3
35°	0.0	12.7	33.1	57.3	85.7	117.3	152.4	187.2	223.6	261.9	300.7
32.5°	0.0	13.0	34.2	59.7	89.2	122.3	158.3	194.2	232.0	271.6	311.4
30°	0.0	13.2	35.4	61.9	92.5	126.9	163.9	200.8	239.7	280.7	321.2
27.5°	0.0	13.5	36.4	64.0	95.6	131.2	169.0	207.1	246.9	289.0	330.0
25°	0.0	13.7	37.4	65.9	98.5	135.1	173.7	212.7	253.6	296.4	337.8
22.5°	0.0	13.9	38.3	67.6	101.2	138.6	178.0	217.7	259.6	302.7	344.6
20°	0.0	14.0	39.1	69.2	103.6	141.6	181.8	222.1	265.0	308.2	350.7
17.5°	0.0	14.1	39.8	70.6	105.7	144.2	184.9	225.8	269.6	312.8	356.2
15°	0.0	14.2	40.5	71.8	107.5	146.3	187.5	229.1	273.6	316.6	360.8
12.5°	0.0	14.3	41.0	72.8	109.1	148.0	189.6	232.2	276.9	319.5	364.7
10°	0.0	14.3	41.5	73.7	110.4	149.3	191.2	234.8	279.4	322.6	368.5
7.5°	0.0	14.3	41.8	74.4	111.4	150.2	192.3	236.8	281.2	325.2	372.8
5°	0.0	14.3	42.1	74.8	112.1	150.6	192.9	238.3	282.1	327.2	376.3
2.5°	0.0	14.2	42.2	75.1	112.6	150.6	193.0	239.3	282.3	328.4	378.9
0°	0.0	14.1	42.3	75.2	112.7	150.3	192.6	239.6	281.8	328.8	380.5
-2.5°	0.0	14.2	42.2	75.1	112.6	150.6	193.0	239.3	282.3	328.4	378.9
-5°	0.0	14.3	42.1	74.8	112.1	150.6	192.9	238.3	282.1	327.2	376.3
-7.5°	0.0	14.3	41.8	74.4	111.4	150.2	192.3	236.8	281.2	325.2	372.8
-10°	0.0	14.3	41.5	73.7	110.4	149.3	191.2	234.8	279.4	322.6	368.5
-12.5°	0.0	14.3	41.0	72.8	109.1	148.0	189.6	232.2	276.9	319.5	364.7
-15°	0.0	14.2	40.5	71.8	107.5	146.3	187.5	229.1	273.6	316.6	360.8
-17.5°	0.0	14.1	39.8	70.6	105.7	144.2	184.9	225.8	269.6	312.8	356.2
-20°	0.0	14.0	39.1	69.2	103.6	141.6	181.8	222.1	265.0	308.2	350.7

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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	13.9	38.3	67.6	101.2	138.6	178.0	217.7	259.6	302.7	344.6
-25°	0.0	13.7	37.4	65.9	98.5	135.1	173.7	212.7	253.6	296.4	337.8
-27.5°	0.0	13.5	36.4	64.0	95.6	131.2	169.0	207.1	246.9	289.0	330.0
-30°	0.0	13.2	35.4	61.9	92.5	126.9	163.9	200.8	239.7	280.7	321.2
-32.5°	0.0	13.0	34.2	59.7	89.2	122.3	158.3	194.2	232.0	271.6	311.4
-35°	0.0	12.7	33.1	57.3	85.7	117.3	152.4	187.2	223.6	261.9	300.7
-37.5°	0.0	12.3	31.8	54.7	82.0	112.3	146.0	179.8	214.5	251.5	288.3
-40°	0.0	12.0	30.5	52.0	78.1	107.3	139.2	171.9	204.6	240.4	275.4
-42.5°	0.0	11.6	29.1	49.2	74.1	102.1	132.1	163.5	194.8	228.5	262.1
-45°	0.0	11.1	27.7	46.3	70.3	96.6	124.6	154.8	184.7	216.2	248.5
-47.5°	0.0	10.7	26.2	43.3	66.3	90.8	116.8	145.6	174.3	203.6	234.4
-50°	0.0	10.2	24.7	40.9	62.1	84.8	109.5	136.1	163.4	191.2	220.0
-52.5°	0.0	9.7	23.1	38.5	57.7	78.6	102.0	126.2	152.0	178.2	205.3
-55°	0.0	9.2	21.5	36.0	53.2	72.8	94.2	116.1	140.0	164.6	190.0
-57.5°	0.0	8.6	19.9	33.5	48.6	67.0	86.2	106.8	127.6	150.5	174.1
-60°	0.0	8.1	18.2	30.8	43.8	61.0	78.1	97.1	115.1	135.8	157.5
-62.5°	0.0	7.5	16.9	28.1	40.1	54.9	70.8	87.1	103.7	120.6	140.4
-65°	0.0	6.9	15.5	25.2	36.2	48.6	63.2	77.3	92.1	107.0	122.7
-67.5°	0.0	6.2	14.1	22.3	32.2	42.7	55.5	68.2	80.2	93.7	107.0
-70°	0.0	5.6	12.7	19.4	28.1	37.4	47.6	58.9	69.6	80.2	92.1
-72.5°	0.0	4.9	11.2	16.9	23.9	32.0	40.7	49.5	58.9	68.2	77.3
-75°	0.0	4.2	9.6	14.6	19.6	26.4	33.8	41.0	48.0	56.0	63.8
-77.5°	0.0	3.5	8.1	12.2	16.2	20.8	26.8	32.7	38.5	44.2	50.3
-80°	0.0	2.8	6.5	9.8	13.0	16.2	19.7	24.4	29.0	33.6	38.1
-82.5°	0.0	2.1	4.9	7.3	9.8	12.2	14.6	16.9	19.5	22.9	26.3
-85°	0.0	1.4	3.3	4.9	6.5	8.1	9.7	11.3	12.8	14.4	15.9
-87.5°	0.0	0.7	1.6	2.5	3.3	4.1	4.9	5.7	6.4	7.2	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



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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°	8.7	9.4	10.1	10.8	11.4	12.1	12.7	13.3	13.9	14.4	14.9
85°	17.3	18.8	20.9	22.9	24.7	26.2	27.5	28.5	30.5	32.5	34.6
82.5°	29.6	32.8	36.0	39.0	41.1	42.8	44.4	46.8	51.0	55.0	58.6
80°	42.5	46.8	51.7	56.4	60.5	64.6	68.8	73.2	77.8	82.1	86.2
77.5°	56.7	63.0	69.1	75.0	81.0	87.4	93.5	99.5	105.1	110.6	115.7
75°	71.5	79.1	87.3	95.5	103.4	111.0	118.6	126.6	134.3	141.7	148.7
72.5°	87.1	97.1	106.9	116.4	126.7	136.8	146.5	155.9	165.1	174.7	184.8
70°	103.7	115.1	127.8	140.0	151.5	163.6	175.6	186.0	195.9	209.1	222.6
67.5°	120.7	136.2	150.6	164.3	179.7	193.9	206.2	219.3	233.4	248.6	262.0
65°	140.9	157.7	174.4	191.8	209.5	224.3	239.7	256.0	271.9	287.1	301.5
62.5°	160.7	179.7	198.9	217.9	236.1	253.9	272.4	290.5	308.0	325.7	341.3
60°	179.9	201.4	221.7	241.5	262.2	284.1	304.7	324.8	345.8	365.8	376.3
57.5°	198.4	221.4	242.6	264.8	289.0	313.9	335.4	358.3	376.3	390.2	403.7
55°	215.8	239.7	262.9	287.9	314.2	340.0	364.1	384.4	401.0	413.8	428.1
52.5°	232.1	257.3	282.5	309.8	337.8	365.3	390.5	409.5	424.5	437.5	450.9
50°	248.1	274.5	301.2	331.2	361.1	390.4	415.0	432.4	446.6	459.9	473.7
47.5°	263.8	291.5	320.3	352.2	384.6	412.9	436.2	452.2	466.4	482.1	497.3
45°	279.1	309.2	339.7	374.0	406.5	433.8	453.6	469.6	487.2	504.1	520.4
42.5°	294.2	326.6	359.7	395.2	426.7	451.2	469.7	488.6	507.6	525.6	544.0
40°	309.3	343.3	378.4	413.7	445.3	466.5	486.2	506.5	527.4	547.0	567.4
37.5°	323.9	359.1	395.2	430.9	459.6	481.1	501.5	524.0	546.0	567.4	593.8
35°	337.7	373.4	409.8	444.3	472.1	494.3	517.1	540.7	563.8	591.5	621.6
32.5°	350.1	386.3	423.2	455.3	482.5	506.5	532.0	556.7	584.4	615.7	651.9
30°	360.5	397.5	434.6	466.0	492.5	517.9	545.6	572.8	605.2	642.9	685.9
27.5°	369.7	407.6	443.6	475.1	502.0	527.3	556.5	590.8	628.0	670.3	720.9
25°	378.2	417.9	452.2	483.4	509.7	536.1	567.3	605.2	650.1	701.0	762.8
22.5°	386.3	427.7	460.9	491.3	515.6	544.2	579.3	620.6	669.3	729.0	804.3
20°	394.0	435.0	467.8	497.5	520.1	551.2	590.0	634.0	689.4	760.5	847.6
17.5°	401.1	441.3	473.3	501.2	526.0	558.7	599.3	645.0	706.8	789.2	887.5
15°	407.6	446.5	477.7	504.2	531.2	566.6	609.1	658.5	726.1	816.4	922.8
12.5°	413.3	450.7	481.0	506.5	535.4	573.1	617.7	672.7	746.8	843.3	967.5
10°	418.2	454.0	483.4	508.1	538.6	578.0	624.9	684.1	763.3	864.1	1001.9
7.5°	422.3	456.6	485.0	509.0	540.6	581.4	630.6	692.9	774.9	878.9	1026.8
5°	425.3	458.6	486.9	511.9	543.8	584.2	634.7	698.9	781.6	887.7	1042.2
2.5°	427.0	459.9	488.1	514.7	547.2	586.5	637.8	705.5	787.1	896.2	1054.0
0°	427.5	460.3	488.5	516.7	549.6	587.2	638.8	709.3	789.1	901.9	1061.6
-2.5°	427.0	459.9	488.1	514.7	547.2	586.5	637.8	705.5	787.1	896.2	1054.0
-5°	425.3	458.6	486.9	511.9	543.8	584.2	634.7	698.9	781.6	887.7	1042.2
-7.5°	422.3	456.6	485.0	509.0	540.6	581.4	630.6	692.9	774.9	878.9	1026.8
-10°	418.2	454.0	483.4	508.1	538.6	578.0	624.9	684.1	763.3	864.1	1001.9
-12.5°	413.3	450.7	481.0	506.5	535.4	573.1	617.7	672.7	746.8	843.3	967.5
-15°	407.6	446.5	477.7	504.2	531.2	566.6	609.1	658.5	726.1	816.4	922.8
-17.5°	401.1	441.3	473.3	501.2	526.0	558.7	599.3	645.0	706.8	789.2	887.5
-20°	394.0	435.0	467.8	497.5	520.1	551.2	590.0	634.0	689.4	760.5	847.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627569 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-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°	386.3	427.7	460.9	491.3	515.6	544.2	579.3	620.6	669.3	729.0	804.3
-25°	378.2	417.9	452.2	483.4	509.7	536.1	567.3	605.2	650.1	701.0	762.8
-27.5°	369.7	407.6	443.6	475.1	502.0	527.3	556.5	590.8	628.0	670.3	720.9
-30°	360.5	397.5	434.6	466.0	492.5	517.9	545.6	572.8	605.2	642.9	685.9
-32.5°	350.1	386.3	423.2	455.3	482.5	506.5	532.0	556.7	584.4	615.7	651.9
-35°	337.7	373.4	409.8	444.3	472.1	494.3	517.1	540.7	563.8	591.5	621.6
-37.5°	323.9	359.1	395.2	430.9	459.6	481.1	501.5	524.0	546.0	567.4	593.8
-40°	309.3	343.3	378.4	413.7	445.3	466.5	486.2	506.5	527.4	547.0	567.4
-42.5°	294.2	326.6	359.7	395.2	426.7	451.2	469.7	488.6	507.6	525.6	544.0
-45°	279.1	309.2	339.7	374.0	406.5	433.8	453.6	469.6	487.2	504.1	520.4
-47.5°	263.8	291.5	320.3	352.2	384.6	412.9	436.2	452.2	466.4	482.1	497.3
-50°	248.1	274.5	301.2	331.2	361.1	390.4	415.0	432.4	446.6	459.9	473.7
-52.5°	232.1	257.3	282.5	309.8	337.8	365.3	390.5	409.5	424.5	437.5	450.9
-55°	215.8	239.7	262.9	287.9	314.2	340.0	364.1	384.4	401.0	413.8	428.1
-57.5°	198.4	221.4	242.6	264.8	289.0	313.9	335.4	358.3	376.3	390.2	403.7
-60°	179.9	201.4	221.7	241.5	262.2	284.1	304.7	324.8	345.8	365.8	376.3
-62.5°	160.7	179.7	198.9	217.9	236.1	253.9	272.4	290.5	308.0	325.7	341.3
-65°	140.9	157.7	174.4	191.8	209.5	224.3	239.7	256.0	271.9	287.1	301.5
-67.5°	120.7	136.2	150.6	164.3	179.7	193.9	206.2	219.3	233.4	248.6	262.0
-70°	103.7	115.1	127.8	140.0	151.5	163.6	175.6	186.0	195.9	209.1	222.6
-72.5°	87.1	97.1	106.9	116.4	126.7	136.8	146.5	155.9	165.1	174.7	184.8
-75°	71.5	79.1	87.3	95.5	103.4	111.0	118.6	126.6	134.3	141.7	148.7
-77.5°	56.7	63.0	69.1	75.0	81.0	87.4	93.5	99.5	105.1	110.6	115.7
-80°	42.5	46.8	51.7	56.4	60.5	64.6	68.8	73.2	77.8	82.1	86.2
-82.5°	29.6	32.8	36.0	39.0	41.1	42.8	44.4	46.8	51.0	55.0	58.6
-85°	17.3	18.8	20.9	22.9	24.7	26.2	27.5	28.5	30.5	32.5	34.6
-87.5°	8.7	9.4	10.1	10.8	11.4	12.1	12.7	13.3	13.9	14.4	14.9
-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: P627569 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-730-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°	15.4	15.9	16.3	16.7	17.0	17.4	17.7	17.9	18.2	17.2	16.2
85°	36.8	38.1	39.4	40.6	41.7	42.7	43.6	44.4	45.1	44.5	43.8
82.5°	61.9	64.4	66.6	68.7	70.6	72.3	73.9	75.3	76.5	76.4	76.1
80°	90.1	94.1	98.1	102.1	106.0	108.4	110.1	111.4	112.3	112.7	112.8
77.5°	121.0	127.2	133.7	140.1	146.4	150.0	152.6	154.7	156.4	156.8	156.5
75°	155.3	163.4	172.2	180.0	186.7	190.8	193.7	196.1	198.1	198.6	198.4
72.5°	195.2	205.2	213.1	219.7	225.4	229.8	233.4	236.4	238.9	240.0	240.1
70°	234.5	244.3	251.9	258.5	264.1	268.7	273.0	276.6	279.7	281.9	283.5
67.5°	274.3	285.4	293.2	299.2	303.9	308.8	314.5	319.4	323.6	326.4	327.8
65°	315.0	326.6	334.1	340.7	346.5	352.6	359.0	363.6	366.7	368.6	369.9
62.5°	354.6	365.4	374.8	383.5	391.9	398.9	403.3	407.2	410.5	413.3	415.5
60°	388.5	402.3	412.8	421.2	429.3	437.2	442.6	446.9	450.2	452.7	454.2
57.5°	417.5	431.5	443.9	452.0	460.9	470.4	476.6	480.2	483.5	486.3	487.6
55°	442.8	455.7	467.2	478.3	488.3	496.8	503.4	508.2	512.3	515.5	516.6
52.5°	465.6	479.7	493.1	504.9	514.7	522.9	529.4	535.4	540.0	543.1	544.5
50°	489.5	504.7	519.1	532.0	542.1	551.2	559.4	566.5	573.2	578.5	582.4
47.5°	513.1	529.3	545.2	559.4	571.5	584.7	596.6	606.6	616.5	624.4	629.9
45°	536.9	555.5	572.8	591.1	607.4	624.8	640.9	654.8	669.0	679.8	687.1
42.5°	563.2	584.4	605.2	628.0	650.3	672.9	697.3	719.1	735.9	751.7	764.4
40°	591.5	615.7	642.9	670.9	703.7	733.6	766.3	794.5	819.9	846.8	868.2
37.5°	621.6	651.9	687.6	725.1	767.5	808.3	851.2	893.3	930.0	973.3	1006.4
35°	655.0	695.4	739.4	790.0	842.9	901.4	959.9	1027.6	1085.8	1149.9	1205.7
32.5°	694.4	742.7	800.3	867.1	935.1	1023.8	1106.7	1214.4	1307.5	1409.1	1511.5
30°	735.0	798.1	872.5	956.7	1064.7	1186.7	1322.6	1482.8	1648.0	1807.9	2000.7
27.5°	785.3	861.4	951.6	1074.5	1233.5	1398.3	1632.0	1872.6	2176.3	2427.4	2781.6
25°	837.5	927.2	1055.2	1222.3	1429.9	1716.0	2070.7	2455.1	2989.4	3458.8	4009.4
22.5°	894.4	1015.4	1174.7	1381.0	1695.8	2134.8	2671.9	3395.6	4183.7	5020.4	5852.7
20°	953.6	1100.0	1308.8	1607.8	2039.8	2634.4	3556.4	4673.6	5799.5	7180.1	8402.7
17.5°	1022.2	1208.5	1465.9	1839.8	2416.2	3327.1	4606.1	6165.9	7912.6	9897.7	11660.1
15°	1079.4	1301.5	1626.3	2149.4	2942.2	4112.0	5724.9	7870.7	10495.5	13161.5	15866.3
12.5°	1145.7	1402.7	1784.2	2407.9	3403.6	4958.2	7153.8	9869.7	13147.8	16845.6	21204.8
10°	1204.6	1502.0	1976.2	2748.3	3965.1	5840.8	8505.4	11772.8	16003.2	21323.5	28074.2
7.5°	1248.3	1581.1	2124.6	3007.4	4450.6	6689.4	9782.4	13856.8	19232.3	26257.7	35522.4
5°	1276.7	1638.3	2229.5	3207.3	4830.6	7320.9	10718.3	15334.9	21820.0	31756.4	47445.0
2.5°	1293.6	1672.1	2289.3	3324.6	5061.7	7739.3	11430.3	16452.6	23497.1	35154.5	55113.4
0°	1301.2	1681.6	2325.2	3386.8	5138.9	7900.9	11757.4	16962.0	24247.5	35948.5	56461.6
-2.5°	1293.6	1672.1	2289.3	3324.6	5061.7	7739.3	11430.3	16452.6	23497.1	35154.5	55113.4
-5°	1276.7	1638.3	2229.5	3207.3	4830.6	7320.9	10718.3	15334.9	21820.0	31756.4	47445.0
-7.5°	1248.3	1581.1	2124.6	3007.4	4450.6	6689.4	9782.4	13856.8	19232.3	26257.7	35522.4
-10°	1204.6	1502.0	1976.2	2748.3	3965.1	5840.8	8505.4	11772.8	16003.2	21323.5	28074.2
-12.5°	1145.7	1402.7	1784.2	2407.9	3403.6	4958.2	7153.8	9869.7	13147.8	16845.6	21204.8
-15°	1079.4	1301.5	1626.3	2149.4	2942.2	4112.0	5724.9	7870.7	10495.5	13161.5	15866.3
-17.5°	1022.2	1208.5	1465.9	1839.8	2416.2	3327.1	4606.1	6165.9	7912.6	9897.7	11660.1
-20°	953.6	1100.0	1308.8	1607.8	2039.8	2634.4	3556.4	4673.6	5799.5	7180.1	8402.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627569 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	894.4	1015.4	1174.7	1381.0	1695.8	2134.8	2671.9	3395.6	4183.7	5020.4	5852.7
-25°	837.5	927.2	1055.2	1222.3	1429.9	1716.0	2070.7	2455.1	2989.4	3458.8	4009.4
-27.5°	785.3	861.4	951.6	1074.5	1233.5	1398.3	1632.0	1872.6	2176.3	2427.4	2781.6
-30°	735.0	798.1	872.5	956.7	1064.7	1186.7	1322.6	1482.8	1648.0	1807.9	2000.7
-32.5°	694.4	742.7	800.3	867.1	935.1	1023.8	1106.7	1214.4	1307.5	1409.1	1511.5
-35°	655.0	695.4	739.4	790.0	842.9	901.4	959.9	1027.6	1085.8	1149.9	1205.7
-37.5°	621.6	651.9	687.6	725.1	767.5	808.3	851.2	893.3	930.0	973.3	1006.4
-40°	591.5	615.7	642.9	670.9	703.7	733.6	766.3	794.5	819.9	846.8	868.2
-42.5°	563.2	584.4	605.2	628.0	650.3	672.9	697.3	719.1	735.9	751.7	764.4
-45°	536.9	555.5	572.8	591.1	607.4	624.8	640.9	654.8	669.0	679.8	687.1
-47.5°	513.1	529.3	545.2	559.4	571.5	584.7	596.6	606.6	616.5	624.4	629.9
-50°	489.5	504.7	519.1	532.0	542.1	551.2	559.4	566.5	573.2	578.5	582.4
-52.5°	465.6	479.7	493.1	504.9	514.7	522.9	529.4	535.4	540.0	543.1	544.5
-55°	442.8	455.7	467.2	478.3	488.3	496.8	503.4	508.2	512.3	515.5	516.6
-57.5°	417.5	431.5	443.9	452.0	460.9	470.4	476.6	480.2	483.5	486.3	487.6
-60°	388.5	402.3	412.8	421.2	429.3	437.2	442.6	446.9	450.2	452.7	454.2
-62.5°	354.6	365.4	374.8	383.5	391.9	398.9	403.3	407.2	410.5	413.3	415.5
-65°	315.0	326.6	334.1	340.7	346.5	352.6	359.0	363.6	366.7	368.6	369.9
-67.5°	274.3	285.4	293.2	299.2	303.9	308.8	314.5	319.4	323.6	326.4	327.8
-70°	234.5	244.3	251.9	258.5	264.1	268.7	273.0	276.6	279.7	281.9	283.5
-72.5°	195.2	205.2	213.1	219.7	225.4	229.8	233.4	236.4	238.9	240.0	240.1
-75°	155.3	163.4	172.2	180.0	186.7	190.8	193.7	196.1	198.1	198.6	198.4
-77.5°	121.0	127.2	133.7	140.1	146.4	150.0	152.6	154.7	156.4	156.8	156.5
-80°	90.1	94.1	98.1	102.1	106.0	108.4	110.1	111.4	112.3	112.7	112.8
-82.5°	61.9	64.4	66.6	68.7	70.6	72.3	73.9	75.3	76.5	76.4	76.1
-85°	36.8	38.1	39.4	40.6	41.7	42.7	43.6	44.4	45.1	44.5	43.8
-87.5°	15.4	15.9	16.3	16.7	17.0	17.4	17.7	17.9	18.2	17.2	16.2
-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: P627569 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-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°	15.1	14.0	14.1	14.1	14.1	14.0	15.1	16.2	17.2	18.2	17.9
85°	43.0	42.1	42.2	42.3	42.2	42.1	43.0	43.8	44.5	45.1	44.4
82.5°	75.6	74.8	75.1	75.2	75.1	74.8	75.6	76.1	76.4	76.5	75.3
80°	112.6	112.2	110.3	108.0	110.3	112.2	112.6	112.8	112.7	112.3	111.4
77.5°	155.6	154.3	152.5	150.3	152.5	154.3	155.6	156.5	156.8	156.4	154.7
75°	197.7	196.5	197.0	197.3	197.0	196.5	197.7	198.4	198.6	198.1	196.1
72.5°	239.7	238.7	239.3	239.6	239.3	238.7	239.7	240.1	240.0	238.9	236.4
70°	284.7	285.2	283.9	281.8	283.9	285.2	284.7	283.5	281.9	279.7	276.6
67.5°	328.2	327.7	326.3	324.1	326.3	327.7	328.2	327.8	326.4	323.6	319.4
65°	370.3	369.9	370.6	371.1	370.6	369.9	370.3	369.9	368.6	366.7	363.6
62.5°	416.5	416.6	415.5	413.4	415.5	416.6	416.5	415.5	413.3	410.5	407.2
60°	454.8	454.4	453.1	450.9	453.1	454.4	454.8	454.2	452.7	450.2	446.9
57.5°	488.0	487.5	486.1	483.8	486.1	487.5	488.0	487.6	486.3	483.5	480.2
55°	516.7	516.0	514.4	512.0	514.4	516.0	516.7	516.6	515.5	512.3	508.2
52.5°	544.8	544.2	544.4	544.9	544.4	544.2	544.8	544.5	543.1	540.0	535.4
50°	584.7	585.5	584.8	582.5	584.8	585.5	584.7	582.4	578.5	573.2	566.5
47.5°	632.5	632.8	631.6	629.4	631.6	632.8	632.5	629.9	624.4	616.5	606.6
45°	692.8	696.2	697.1	695.2	697.1	696.2	692.8	687.1	679.8	669.0	654.8
42.5°	774.3	779.7	781.3	779.8	781.3	779.7	774.3	764.4	751.7	735.9	719.1
40°	881.4	887.5	888.6	887.8	888.6	887.5	881.4	868.2	846.8	819.9	794.5
37.5°	1029.6	1044.4	1051.4	1052.2	1051.4	1044.4	1029.6	1006.4	973.3	930.0	893.3
35°	1248.2	1277.8	1293.6	1301.2	1293.6	1277.8	1248.2	1205.7	1149.9	1085.8	1027.6
32.5°	1589.1	1648.2	1680.9	1676.9	1680.9	1648.2	1589.1	1511.5	1409.1	1307.5	1214.4
30°	2146.0	2249.4	2301.4	2287.6	2301.4	2249.4	2146.0	2000.7	1807.9	1648.0	1482.8
27.5°	3035.9	3222.6	3330.6	3316.3	3330.6	3222.6	3035.9	2781.6	2427.4	2176.3	1872.6
25°	4469.6	4810.4	5028.5	4974.4	5028.5	4810.4	4469.6	4009.4	3458.8	2989.4	2455.1
22.5°	6650.6	7227.8	7609.8	7562.7	7609.8	7227.8	6650.6	5852.7	5020.4	4183.7	3395.6
20°	9642.3	10520.8	11148.2	11231.3	11148.2	10520.8	9642.3	8402.7	7180.1	5799.5	4673.6
17.5°	13563.8	14956.8	15926.5	16088.3	15926.5	14956.8	13563.8	11660.1	9897.7	7912.6	6165.9
15°	18660.5	20937.2	22584.8	22720.9	22584.8	20937.2	18660.5	15866.3	13161.5	10495.5	7870.7
12.5°	25580.9	30160.0	33148.4	34464.1	33148.4	30160.0	25580.9	21204.8	16845.6	13147.8	9869.7
10°	35158.4	45676.3	52412.2	54944.4	52412.2	45676.3	35158.4	28074.2	21323.5	16003.2	11772.8
7.5°	51155.7	67669.2	86027.7	93852.2	86027.7	67669.2	51155.7	35522.4	26257.7	19232.3	13856.8
5°	69271.4	103543.3	136142.0	148871.7	136142.0	103543.3	69271.4	47445.0	31756.4	21820.0	15334.9
2.5°	88333.8	136103.9	180868.0	198374.3	180868.0	136103.9	88333.8	55113.4	35154.5	23497.1	16452.6
0°	95778.1	150360.8	199612.1	219242.1	199612.1	150360.8	95778.1	56461.6	35948.5	24247.5	16962.0
-2.5°	88333.8	136103.9	180868.0	198374.3	180868.0	136103.9	88333.8	55113.4	35154.5	23497.1	16452.6
-5°	69271.4	103543.3	136142.0	148871.7	136142.0	103543.3	69271.4	47445.0	31756.4	21820.0	15334.9
-7.5°	51155.7	67669.2	86027.7	93852.2	86027.7	67669.2	51155.7	35522.4	26257.7	19232.3	13856.8
-10°	35158.4	45676.3	52412.2	54944.4	52412.2	45676.3	35158.4	28074.2	21323.5	16003.2	11772.8
-12.5°	25580.9	30160.0	33148.4	34464.1	33148.4	30160.0	25580.9	21204.8	16845.6	13147.8	9869.7
-15°	18660.5	20937.2	22584.8	22720.9	22584.8	20937.2	18660.5	15866.3	13161.5	10495.5	7870.7
-17.5°	13563.8	14956.8	15926.5	16088.3	15926.5	14956.8	13563.8	11660.1	9897.7	7912.6	6165.9
-20°	9642.3	10520.8	11148.2	11231.3	11148.2	10520.8	9642.3	8402.7	7180.1	5799.5	4673.6



REPORT NUMBER: P627569 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-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°	6650.6	7227.8	7609.8	7562.7	7609.8	7227.8	6650.6	5852.7	5020.4	4183.7	3395.6
-25°	4469.6	4810.4	5028.5	4974.4	5028.5	4810.4	4469.6	4009.4	3458.8	2989.4	2455.1
-27.5°	3035.9	3222.6	3330.6	3316.3	3330.6	3222.6	3035.9	2781.6	2427.4	2176.3	1872.6
-30°	2146.0	2249.4	2301.4	2287.6	2301.4	2249.4	2146.0	2000.7	1807.9	1648.0	1482.8
-32.5°	1589.1	1648.2	1680.9	1676.9	1680.9	1648.2	1589.1	1511.5	1409.1	1307.5	1214.4
-35°	1248.2	1277.8	1293.6	1301.2	1293.6	1277.8	1248.2	1205.7	1149.9	1085.8	1027.6
-37.5°	1029.6	1044.4	1051.4	1052.2	1051.4	1044.4	1029.6	1006.4	973.3	930.0	893.3
-40°	881.4	887.5	888.6	887.8	888.6	887.5	881.4	868.2	846.8	819.9	794.5
-42.5°	774.3	779.7	781.3	779.8	781.3	779.7	774.3	764.4	751.7	735.9	719.1
-45°	692.8	696.2	697.1	695.2	697.1	696.2	692.8	687.1	679.8	669.0	654.8
-47.5°	632.5	632.8	631.6	629.4	631.6	632.8	632.5	629.9	624.4	616.5	606.6
-50°	584.7	585.5	584.8	582.5	584.8	585.5	584.7	582.4	578.5	573.2	566.5
-52.5°	544.8	544.2	544.4	544.9	544.4	544.2	544.8	544.5	543.1	540.0	535.4
-55°	516.7	516.0	514.4	512.0	514.4	516.0	516.7	516.6	515.5	512.3	508.2
-57.5°	488.0	487.5	486.1	483.8	486.1	487.5	488.0	487.6	486.3	483.5	480.2
-60°	454.8	454.4	453.1	450.9	453.1	454.4	454.8	454.2	452.7	450.2	446.9
-62.5°	416.5	416.6	415.5	413.4	415.5	416.6	416.5	415.5	413.3	410.5	407.2
-65°	370.3	369.9	370.6	371.1	370.6	369.9	370.3	369.9	368.6	366.7	363.6
-67.5°	328.2	327.7	326.3	324.1	326.3	327.7	328.2	327.8	326.4	323.6	319.4
-70°	284.7	285.2	283.9	281.8	283.9	285.2	284.7	283.5	281.9	279.7	276.6
-72.5°	239.7	238.7	239.3	239.6	239.3	238.7	239.7	240.1	240.0	238.9	236.4
-75°	197.7	196.5	197.0	197.3	197.0	196.5	197.7	198.4	198.6	198.1	196.1
-77.5°	155.6	154.3	152.5	150.3	152.5	154.3	155.6	156.5	156.8	156.4	154.7
-80°	112.6	112.2	110.3	108.0	110.3	112.2	112.6	112.8	112.7	112.3	111.4
-82.5°	75.6	74.8	75.1	75.2	75.1	74.8	75.6	76.1	76.4	76.5	75.3
-85°	43.0	42.1	42.2	42.3	42.2	42.1	43.0	43.8	44.5	45.1	44.4
-87.5°	15.1	14.0	14.1	14.1	14.1	14.0	15.1	16.2	17.2	18.2	17.9
-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: P627569 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-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°	17.7	17.4	17.0	16.7	16.3	15.9	15.4	14.9	14.4	13.9	13.3
85°	43.6	42.7	41.7	40.6	39.4	38.1	36.8	34.6	32.5	30.5	28.5
82.5°	73.9	72.3	70.6	68.7	66.6	64.4	61.9	58.6	55.0	51.0	46.8
80°	110.1	108.4	106.0	102.1	98.1	94.1	90.1	86.2	82.1	77.8	73.2
77.5°	152.6	150.0	146.4	140.1	133.7	127.2	121.0	115.7	110.6	105.1	99.5
75°	193.7	190.8	186.7	180.0	172.2	163.4	155.3	148.7	141.7	134.3	126.6
72.5°	233.4	229.8	225.4	219.7	213.1	205.2	195.2	184.8	174.7	165.1	155.9
70°	273.0	268.7	264.1	258.5	251.9	244.3	234.5	222.6	209.1	195.9	186.0
67.5°	314.5	308.8	303.9	299.2	293.2	285.4	274.3	262.0	248.6	233.4	219.3
65°	359.0	352.6	346.5	340.7	334.1	326.6	315.0	301.5	287.1	271.9	256.0
62.5°	403.3	398.9	391.9	383.5	374.8	365.4	354.6	341.3	325.7	308.0	290.5
60°	442.6	437.2	429.3	421.2	412.8	402.3	388.5	376.3	365.8	345.8	324.8
57.5°	476.6	470.4	460.9	452.0	443.9	431.5	417.5	403.7	390.2	376.3	358.3
55°	503.4	496.8	488.3	478.3	467.2	455.7	442.8	428.1	413.8	401.0	384.4
52.5°	529.4	522.9	514.7	504.9	493.1	479.7	465.6	450.9	437.5	424.5	409.5
50°	559.4	551.2	542.1	532.0	519.1	504.7	489.5	473.7	459.9	446.6	432.4
47.5°	596.6	584.7	571.5	559.4	545.2	529.3	513.1	497.3	482.1	466.4	452.2
45°	640.9	624.8	607.4	591.1	572.8	555.5	536.9	520.4	504.1	487.2	469.6
42.5°	697.3	672.9	650.3	628.0	605.2	584.4	563.2	544.0	525.6	507.6	488.6
40°	766.3	733.6	703.7	670.9	642.9	615.7	591.5	567.4	547.0	527.4	506.5
37.5°	851.2	808.3	767.5	725.1	687.6	651.9	621.6	593.8	567.4	546.0	524.0
35°	959.9	901.4	842.9	790.0	739.4	695.4	655.0	621.6	591.5	563.8	540.7
32.5°	1106.7	1023.8	935.1	867.1	800.3	742.7	694.4	651.9	615.7	584.4	556.7
30°	1322.6	1186.7	1064.7	956.7	872.5	798.1	735.0	685.9	642.9	605.2	572.8
27.5°	1632.0	1398.3	1233.5	1074.5	951.6	861.4	785.3	720.9	670.3	628.0	590.8
25°	2070.7	1716.0	1429.9	1222.3	1055.2	927.2	837.5	762.8	701.0	650.1	605.2
22.5°	2671.9	2134.8	1695.8	1381.0	1174.7	1015.4	894.4	804.3	729.0	669.3	620.6
20°	3556.4	2634.4	2039.8	1607.8	1308.8	1100.0	953.6	847.6	760.5	689.4	634.0
17.5°	4606.1	3327.1	2416.2	1839.8	1465.9	1208.5	1022.2	887.5	789.2	706.8	645.0
15°	5724.9	4112.0	2942.2	2149.4	1626.3	1301.5	1079.4	922.8	816.4	726.1	658.5
12.5°	7153.8	4958.2	3403.6	2407.9	1784.2	1402.7	1145.7	967.5	843.3	746.8	672.7
10°	8505.4	5840.8	3965.1	2748.3	1976.2	1502.0	1204.6	1001.9	864.1	763.3	684.1
7.5°	9782.4	6689.4	4450.6	3007.4	2124.6	1581.1	1248.3	1026.8	878.9	774.9	692.9
5°	10718.3	7320.9	4830.6	3207.3	2229.5	1638.3	1276.7	1042.2	887.7	781.6	698.9
2.5°	11430.3	7739.3	5061.7	3324.6	2289.3	1672.1	1293.6	1054.0	896.2	787.1	705.5
0°	11757.4	7900.9	5138.9	3386.8	2325.2	1681.6	1301.2	1061.6	901.9	789.1	709.3
-2.5°	11430.3	7739.3	5061.7	3324.6	2289.3	1672.1	1293.6	1054.0	896.2	787.1	705.5
-5°	10718.3	7320.9	4830.6	3207.3	2229.5	1638.3	1276.7	1042.2	887.7	781.6	698.9
-7.5°	9782.4	6689.4	4450.6	3007.4	2124.6	1581.1	1248.3	1026.8	878.9	774.9	692.9
-10°	8505.4	5840.8	3965.1	2748.3	1976.2	1502.0	1204.6	1001.9	864.1	763.3	684.1
-12.5°	7153.8	4958.2	3403.6	2407.9	1784.2	1402.7	1145.7	967.5	843.3	746.8	672.7
-15°	5724.9	4112.0	2942.2	2149.4	1626.3	1301.5	1079.4	922.8	816.4	726.1	658.5
-17.5°	4606.1	3327.1	2416.2	1839.8	1465.9	1208.5	1022.2	887.5	789.2	706.8	645.0
-20°	3556.4	2634.4	2039.8	1607.8	1308.8	1100.0	953.6	847.6	760.5	689.4	634.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627569 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2671.9	2134.8	1695.8	1381.0	1174.7	1015.4	894.4	804.3	729.0	669.3	620.6
-25°	2070.7	1716.0	1429.9	1222.3	1055.2	927.2	837.5	762.8	701.0	650.1	605.2
-27.5°	1632.0	1398.3	1233.5	1074.5	951.6	861.4	785.3	720.9	670.3	628.0	590.8
-30°	1322.6	1186.7	1064.7	956.7	872.5	798.1	735.0	685.9	642.9	605.2	572.8
-32.5°	1106.7	1023.8	935.1	867.1	800.3	742.7	694.4	651.9	615.7	584.4	556.7
-35°	959.9	901.4	842.9	790.0	739.4	695.4	655.0	621.6	591.5	563.8	540.7
-37.5°	851.2	808.3	767.5	725.1	687.6	651.9	621.6	593.8	567.4	546.0	524.0
-40°	766.3	733.6	703.7	670.9	642.9	615.7	591.5	567.4	547.0	527.4	506.5
-42.5°	697.3	672.9	650.3	628.0	605.2	584.4	563.2	544.0	525.6	507.6	488.6
-45°	640.9	624.8	607.4	591.1	572.8	555.5	536.9	520.4	504.1	487.2	469.6
-47.5°	596.6	584.7	571.5	559.4	545.2	529.3	513.1	497.3	482.1	466.4	452.2
-50°	559.4	551.2	542.1	532.0	519.1	504.7	489.5	473.7	459.9	446.6	432.4
-52.5°	529.4	522.9	514.7	504.9	493.1	479.7	465.6	450.9	437.5	424.5	409.5
-55°	503.4	496.8	488.3	478.3	467.2	455.7	442.8	428.1	413.8	401.0	384.4
-57.5°	476.6	470.4	460.9	452.0	443.9	431.5	417.5	403.7	390.2	376.3	358.3
-60°	442.6	437.2	429.3	421.2	412.8	402.3	388.5	376.3	365.8	345.8	324.8
-62.5°	403.3	398.9	391.9	383.5	374.8	365.4	354.6	341.3	325.7	308.0	290.5
-65°	359.0	352.6	346.5	340.7	334.1	326.6	315.0	301.5	287.1	271.9	256.0
-67.5°	314.5	308.8	303.9	299.2	293.2	285.4	274.3	262.0	248.6	233.4	219.3
-70°	273.0	268.7	264.1	258.5	251.9	244.3	234.5	222.6	209.1	195.9	186.0
-72.5°	233.4	229.8	225.4	219.7	213.1	205.2	195.2	184.8	174.7	165.1	155.9
-75°	193.7	190.8	186.7	180.0	172.2	163.4	155.3	148.7	141.7	134.3	126.6
-77.5°	152.6	150.0	146.4	140.1	133.7	127.2	121.0	115.7	110.6	105.1	99.5
-80°	110.1	108.4	106.0	102.1	98.1	94.1	90.1	86.2	82.1	77.8	73.2
-82.5°	73.9	72.3	70.6	68.7	66.6	64.4	61.9	58.6	55.0	51.0	46.8
-85°	43.6	42.7	41.7	40.6	39.4	38.1	36.8	34.6	32.5	30.5	28.5
-87.5°	17.7	17.4	17.0	16.7	16.3	15.9	15.4	14.9	14.4	13.9	13.3
-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: P627569 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-730-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°	12.7	12.1	11.4	10.8	10.1	9.4	8.7	7.9	7.2	6.4	5.7
85°	27.5	26.2	24.7	22.9	20.9	18.8	17.3	15.9	14.4	12.8	11.3
82.5°	44.4	42.8	41.1	39.0	36.0	32.8	29.6	26.3	22.9	19.5	16.9
80°	68.8	64.6	60.5	56.4	51.7	46.8	42.5	38.1	33.6	29.0	24.4
77.5°	93.5	87.4	81.0	75.0	69.1	63.0	56.7	50.3	44.2	38.5	32.7
75°	118.6	111.0	103.4	95.5	87.3	79.1	71.5	63.8	56.0	48.0	41.0
72.5°	146.5	136.8	126.7	116.4	106.9	97.1	87.1	77.3	68.2	58.9	49.5
70°	175.6	163.6	151.5	140.0	127.8	115.1	103.7	92.1	80.2	69.6	58.9
67.5°	206.2	193.9	179.7	164.3	150.6	136.2	120.7	107.0	93.7	80.2	68.2
65°	239.7	224.3	209.5	191.8	174.4	157.7	140.9	122.7	107.0	92.1	77.3
62.5°	272.4	253.9	236.1	217.9	198.9	179.7	160.7	140.4	120.6	103.7	87.1
60°	304.7	284.1	262.2	241.5	221.7	201.4	179.9	157.5	135.8	115.1	97.1
57.5°	335.4	313.9	289.0	264.8	242.6	221.4	198.4	174.1	150.5	127.6	106.8
55°	364.1	340.0	314.2	287.9	262.9	239.7	215.8	190.0	164.6	140.0	116.1
52.5°	390.5	365.3	337.8	309.8	282.5	257.3	232.1	205.3	178.2	152.0	126.2
50°	415.0	390.4	361.1	331.2	301.2	274.5	248.1	220.0	191.2	163.4	136.1
47.5°	436.2	412.9	384.6	352.2	320.3	291.5	263.8	234.4	203.6	174.3	145.6
45°	453.6	433.8	406.5	374.0	339.7	309.2	279.1	248.5	216.2	184.7	154.8
42.5°	469.7	451.2	426.7	395.2	359.7	326.6	294.2	262.1	228.5	194.8	163.5
40°	486.2	466.5	445.3	413.7	378.4	343.3	309.3	275.4	240.4	204.6	171.9
37.5°	501.5	481.1	459.6	430.9	395.2	359.1	323.9	288.3	251.5	214.5	179.8
35°	517.1	494.3	472.1	444.3	409.8	373.4	337.7	300.7	261.9	223.6	187.2
32.5°	532.0	506.5	482.5	455.3	423.2	386.3	350.1	311.4	271.6	232.0	194.2
30°	545.6	517.9	492.5	466.0	434.6	397.5	360.5	321.2	280.7	239.7	200.8
27.5°	556.5	527.3	502.0	475.1	443.6	407.6	369.7	330.0	289.0	246.9	207.1
25°	567.3	536.1	509.7	483.4	452.2	417.9	378.2	337.8	296.4	253.6	212.7
22.5°	579.3	544.2	515.6	491.3	460.9	427.7	386.3	344.6	302.7	259.6	217.7
20°	590.0	551.2	520.1	497.5	467.8	435.0	394.0	350.7	308.2	265.0	222.1
17.5°	599.3	558.7	526.0	501.2	473.3	441.3	401.1	356.2	312.8	269.6	225.8
15°	609.1	566.6	531.2	504.2	477.7	446.5	407.6	360.8	316.6	273.6	229.1
12.5°	617.7	573.1	535.4	506.5	481.0	450.7	413.3	364.7	319.5	276.9	232.2
10°	624.9	578.0	538.6	508.1	483.4	454.0	418.2	368.5	322.6	279.4	234.8
7.5°	630.6	581.4	540.6	509.0	485.0	456.6	422.3	372.8	325.2	281.2	236.8
5°	634.7	584.2	543.8	511.9	486.9	458.6	425.3	376.3	327.2	282.1	238.3
2.5°	637.8	586.5	547.2	514.7	488.1	459.9	427.0	378.9	328.4	282.3	239.3
0°	638.8	587.2	549.6	516.7	488.5	460.3	427.5	380.5	328.8	281.8	239.6
-2.5°	637.8	586.5	547.2	514.7	488.1	459.9	427.0	378.9	328.4	282.3	239.3
-5°	634.7	584.2	543.8	511.9	486.9	458.6	425.3	376.3	327.2	282.1	238.3
-7.5°	630.6	581.4	540.6	509.0	485.0	456.6	422.3	372.8	325.2	281.2	236.8
-10°	624.9	578.0	538.6	508.1	483.4	454.0	418.2	368.5	322.6	279.4	234.8
-12.5°	617.7	573.1	535.4	506.5	481.0	450.7	413.3	364.7	319.5	276.9	232.2
-15°	609.1	566.6	531.2	504.2	477.7	446.5	407.6	360.8	316.6	273.6	229.1
-17.5°	599.3	558.7	526.0	501.2	473.3	441.3	401.1	356.2	312.8	269.6	225.8
-20°	590.0	551.2	520.1	497.5	467.8	435.0	394.0	350.7	308.2	265.0	222.1

Classified

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



REPORT NUMBER: P627569 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-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°	579.3	544.2	515.6	491.3	460.9	427.7	386.3	344.6	302.7	259.6	217.7
-25°	567.3	536.1	509.7	483.4	452.2	417.9	378.2	337.8	296.4	253.6	212.7
-27.5°	556.5	527.3	502.0	475.1	443.6	407.6	369.7	330.0	289.0	246.9	207.1
-30°	545.6	517.9	492.5	466.0	434.6	397.5	360.5	321.2	280.7	239.7	200.8
-32.5°	532.0	506.5	482.5	455.3	423.2	386.3	350.1	311.4	271.6	232.0	194.2
-35°	517.1	494.3	472.1	444.3	409.8	373.4	337.7	300.7	261.9	223.6	187.2
-37.5°	501.5	481.1	459.6	430.9	395.2	359.1	323.9	288.3	251.5	214.5	179.8
-40°	486.2	466.5	445.3	413.7	378.4	343.3	309.3	275.4	240.4	204.6	171.9
-42.5°	469.7	451.2	426.7	395.2	359.7	326.6	294.2	262.1	228.5	194.8	163.5
-45°	453.6	433.8	406.5	374.0	339.7	309.2	279.1	248.5	216.2	184.7	154.8
-47.5°	436.2	412.9	384.6	352.2	320.3	291.5	263.8	234.4	203.6	174.3	145.6
-50°	415.0	390.4	361.1	331.2	301.2	274.5	248.1	220.0	191.2	163.4	136.1
-52.5°	390.5	365.3	337.8	309.8	282.5	257.3	232.1	205.3	178.2	152.0	126.2
-55°	364.1	340.0	314.2	287.9	262.9	239.7	215.8	190.0	164.6	140.0	116.1
-57.5°	335.4	313.9	289.0	264.8	242.6	221.4	198.4	174.1	150.5	127.6	106.8
-60°	304.7	284.1	262.2	241.5	221.7	201.4	179.9	157.5	135.8	115.1	97.1
-62.5°	272.4	253.9	236.1	217.9	198.9	179.7	160.7	140.4	120.6	103.7	87.1
-65°	239.7	224.3	209.5	191.8	174.4	157.7	140.9	122.7	107.0	92.1	77.3
-67.5°	206.2	193.9	179.7	164.3	150.6	136.2	120.7	107.0	93.7	80.2	68.2
-70°	175.6	163.6	151.5	140.0	127.8	115.1	103.7	92.1	80.2	69.6	58.9
-72.5°	146.5	136.8	126.7	116.4	106.9	97.1	87.1	77.3	68.2	58.9	49.5
-75°	118.6	111.0	103.4	95.5	87.3	79.1	71.5	63.8	56.0	48.0	41.0
-77.5°	93.5	87.4	81.0	75.0	69.1	63.0	56.7	50.3	44.2	38.5	32.7
-80°	68.8	64.6	60.5	56.4	51.7	46.8	42.5	38.1	33.6	29.0	24.4
-82.5°	44.4	42.8	41.1	39.0	36.0	32.8	29.6	26.3	22.9	19.5	16.9
-85°	27.5	26.2	24.7	22.9	20.9	18.8	17.3	15.9	14.4	12.8	11.3
-87.5°	12.7	12.1	11.4	10.8	10.1	9.4	8.7	7.9	7.2	6.4	5.7
-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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REPORT NUMBER: P627569 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5B-730-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°	4.9	4.1	3.3	2.5	1.6	0.7	0.0
85°	9.7	8.1	6.5	4.9	3.3	1.4	0.0
82.5°	14.6	12.2	9.8	7.3	4.9	2.1	0.0
80°	19.7	16.2	13.0	9.8	6.5	2.8	0.0
77.5°	26.8	20.8	16.2	12.2	8.1	3.5	0.0
75°	33.8	26.4	19.6	14.6	9.6	4.2	0.0
72.5°	40.7	32.0	23.9	16.9	11.2	4.9	0.0
70°	47.6	37.4	28.1	19.4	12.7	5.6	0.0
67.5°	55.5	42.7	32.2	22.3	14.1	6.2	0.0
65°	63.2	48.6	36.2	25.2	15.5	6.9	0.0
62.5°	70.8	54.9	40.1	28.1	16.9	7.5	0.0
60°	78.1	61.0	43.8	30.8	18.2	8.1	0.0
57.5°	86.2	67.0	48.6	33.5	19.9	8.6	0.0
55°	94.2	72.8	53.2	36.0	21.5	9.2	0.0
52.5°	102.0	78.6	57.7	38.5	23.1	9.7	0.0
50°	109.5	84.8	62.1	40.9	24.7	10.2	0.0
47.5°	116.8	90.8	66.3	43.3	26.2	10.7	0.0
45°	124.6	96.6	70.3	46.3	27.7	11.1	0.0
42.5°	132.1	102.1	74.1	49.2	29.1	11.6	0.0
40°	139.2	107.3	78.1	52.0	30.5	12.0	0.0
37.5°	146.0	112.3	82.0	54.7	31.8	12.3	0.0
35°	152.4	117.3	85.7	57.3	33.1	12.7	0.0
32.5°	158.3	122.3	89.2	59.7	34.2	13.0	0.0
30°	163.9	126.9	92.5	61.9	35.4	13.2	0.0
27.5°	169.0	131.2	95.6	64.0	36.4	13.5	0.0
25°	173.7	135.1	98.5	65.9	37.4	13.7	0.0
22.5°	178.0	138.6	101.2	67.6	38.3	13.9	0.0
20°	181.8	141.6	103.6	69.2	39.1	14.0	0.0
17.5°	184.9	144.2	105.7	70.6	39.8	14.1	0.0
15°	187.5	146.3	107.5	71.8	40.5	14.2	0.0
12.5°	189.6	148.0	109.1	72.8	41.0	14.3	0.0
10°	191.2	149.3	110.4	73.7	41.5	14.3	0.0
7.5°	192.3	150.2	111.4	74.4	41.8	14.3	0.0
5°	192.9	150.6	112.1	74.8	42.1	14.3	0.0
2.5°	193.0	150.6	112.6	75.1	42.2	14.2	0.0
0°	192.6	150.3	112.7	75.2	42.3	14.1	0.0
-2.5°	193.0	150.6	112.6	75.1	42.2	14.2	0.0
-5°	192.9	150.6	112.1	74.8	42.1	14.3	0.0
-7.5°	192.3	150.2	111.4	74.4	41.8	14.3	0.0
-10°	191.2	149.3	110.4	73.7	41.5	14.3	0.0
-12.5°	189.6	148.0	109.1	72.8	41.0	14.3	0.0
-15°	187.5	146.3	107.5	71.8	40.5	14.2	0.0
-17.5°	184.9	144.2	105.7	70.6	39.8	14.1	0.0
-20°	181.8	141.6	103.6	69.2	39.1	14.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	178.0	138.6	101.2	67.6	38.3	13.9	0.0
-25°	173.7	135.1	98.5	65.9	37.4	13.7	0.0
-27.5°	169.0	131.2	95.6	64.0	36.4	13.5	0.0
-30°	163.9	126.9	92.5	61.9	35.4	13.2	0.0
-32.5°	158.3	122.3	89.2	59.7	34.2	13.0	0.0
-35°	152.4	117.3	85.7	57.3	33.1	12.7	0.0
-37.5°	146.0	112.3	82.0	54.7	31.8	12.3	0.0
-40°	139.2	107.3	78.1	52.0	30.5	12.0	0.0
-42.5°	132.1	102.1	74.1	49.2	29.1	11.6	0.0
-45°	124.6	96.6	70.3	46.3	27.7	11.1	0.0
-47.5°	116.8	90.8	66.3	43.3	26.2	10.7	0.0
-50°	109.5	84.8	62.1	40.9	24.7	10.2	0.0
-52.5°	102.0	78.6	57.7	38.5	23.1	9.7	0.0
-55°	94.2	72.8	53.2	36.0	21.5	9.2	0.0
-57.5°	86.2	67.0	48.6	33.5	19.9	8.6	0.0
-60°	78.1	61.0	43.8	30.8	18.2	8.1	0.0
-62.5°	70.8	54.9	40.1	28.1	16.9	7.5	0.0
-65°	63.2	48.6	36.2	25.2	15.5	6.9	0.0
-67.5°	55.5	42.7	32.2	22.3	14.1	6.2	0.0
-70°	47.6	37.4	28.1	19.4	12.7	5.6	0.0
-72.5°	40.7	32.0	23.9	16.9	11.2	4.9	0.0
-75°	33.8	26.4	19.6	14.6	9.6	4.2	0.0
-77.5°	26.8	20.8	16.2	12.2	8.1	3.5	0.0
-80°	19.7	16.2	13.0	9.8	6.5	2.8	0.0
-82.5°	14.6	12.2	9.8	7.3	4.9	2.1	0.0
-85°	9.7	8.1	6.5	4.9	3.3	1.4	0.0
-87.5°	4.9	4.1	3.3	2.5	1.6	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)