

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: P627629 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627629 (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-SA5C-730-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N114
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

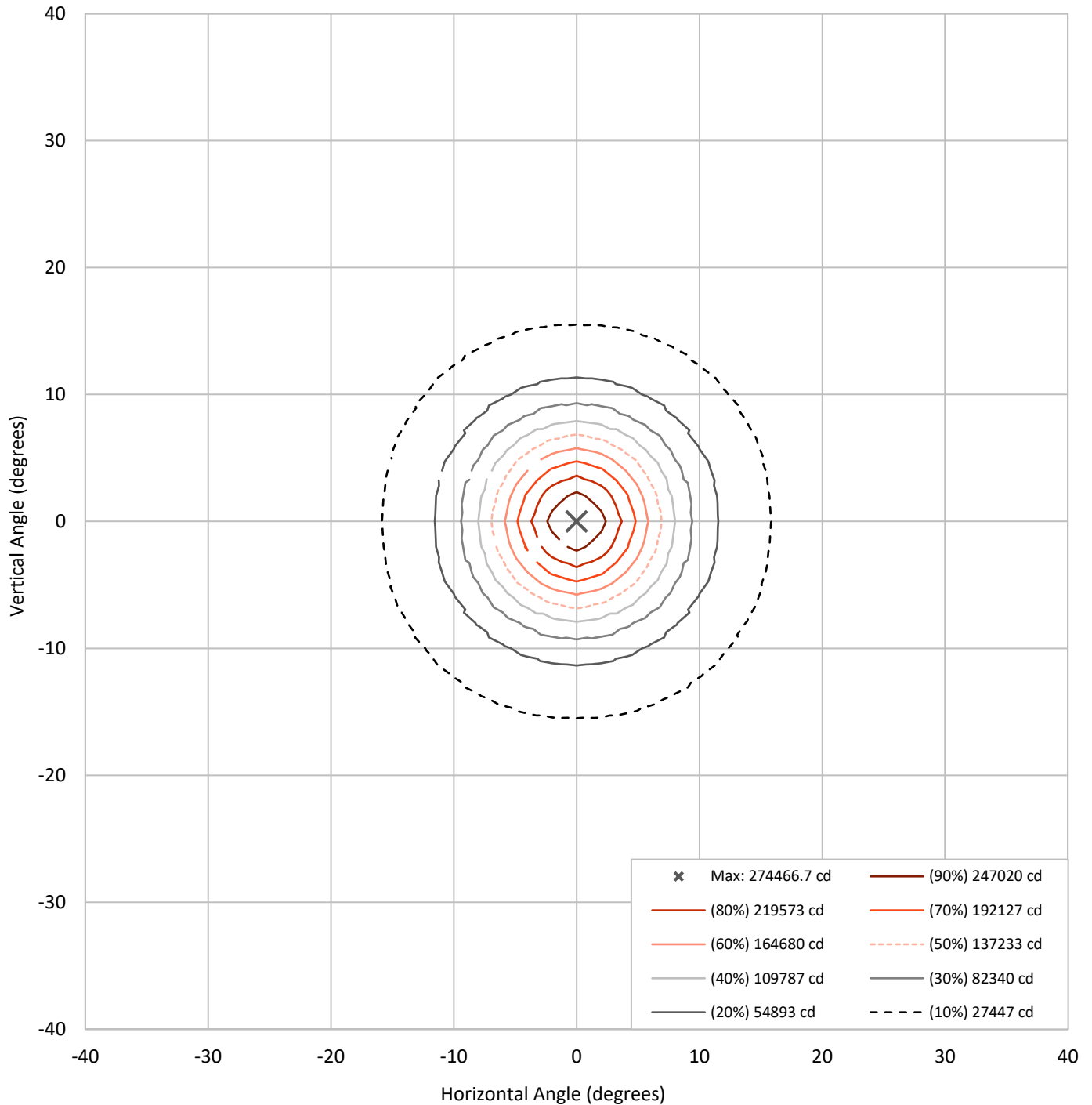
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	29144.3 lumens	Max Intensity:	274466.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	141.4 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:	8616.7 lumens	Field Lumens:	19391.1 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	206.1		
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



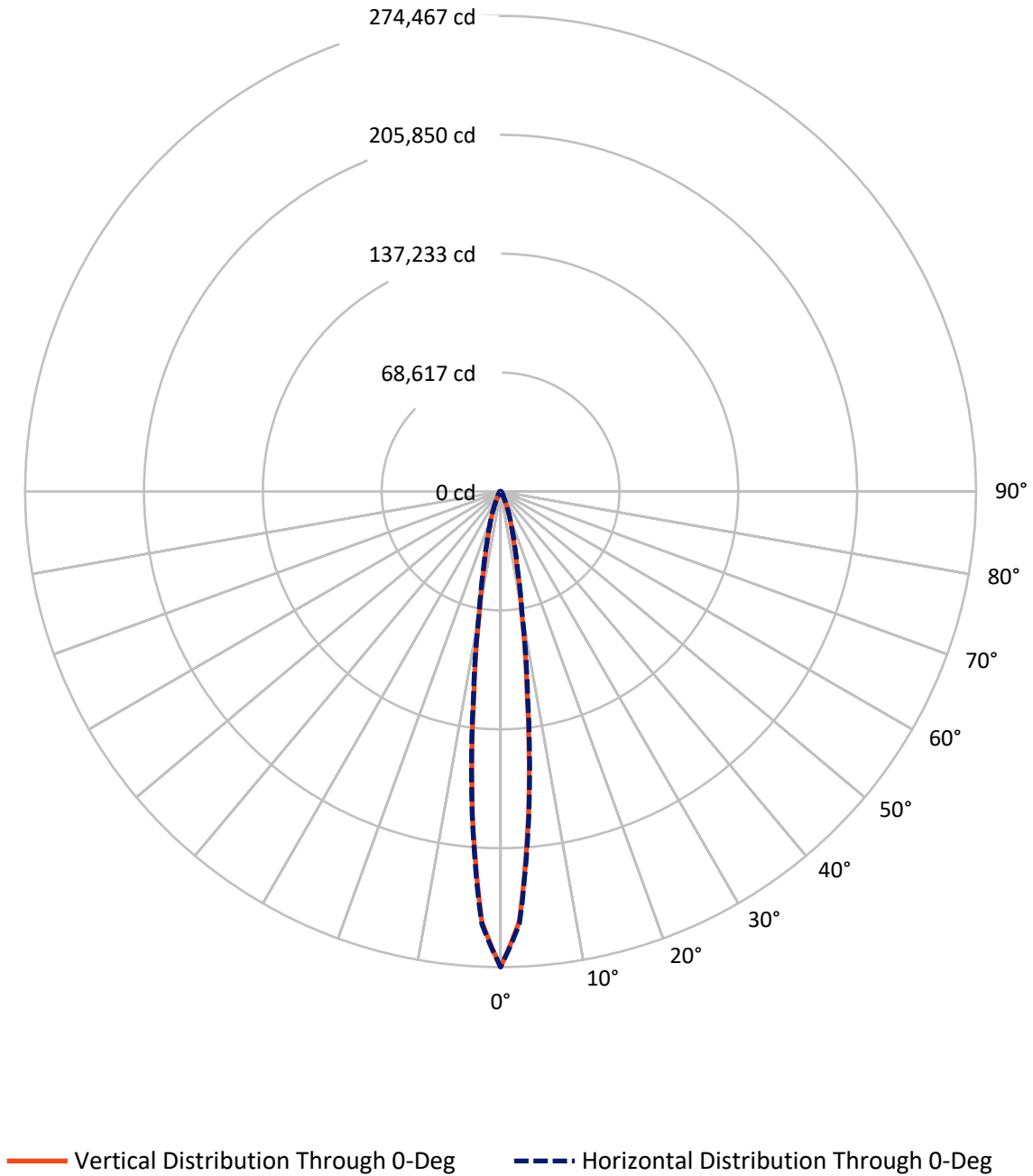
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Lumen Table

90	0.5	4.0		10.5		17.0		18.5		17.0		10.5		4.0		0.5			
80	0.5	4.0		10.5		17.0		18.5		17.0		10.5		4.0		0.5			
70	1.8	2.0	4.2	6.9	9.8	12.0	13.5	14.1	14.1	13.5	12.0	9.8	6.9	4.2	2.0	1.8			
60		3.1	6.3	10.3	13.8	16.8	18.8	19.6	19.6	18.8	16.8	13.8	10.3	6.3	3.1				
50	3.2	4.0	8.2	12.7	16.8	21.2	25.0	26.9	26.9	25.0	21.2	16.8	12.7	8.2	4.0	3.2			
40		4.9	9.6	14.6	20.7	29.8	42.0	52.0	52.0	42.0	29.8	20.7	14.6	9.6	4.9				
30	4.1	5.5	10.5	16.5	26.8	53.3	121.3	200.7	200.7	121.3	53.3	26.8	16.5	10.5	5.5	4.1			
20		5.9	11.1	18.2	35.6	113.1	401.5	864.8	864.8	401.5	113.1	35.6	18.2	11.1	5.9				
10	4.4	6.1	11.3	19.3	43.0	186.3	872.8	3770.5	3770.5	872.8	186.3	43.0	19.3	11.3	6.1	4.4			
0		6.1	11.3	19.3	43.0	186.3	872.8	3770.5	3770.5	872.8	186.3	43.0	19.3	11.3	6.1				
-10	4.1	5.9	11.1	18.2	35.6	113.1	401.5	864.8	864.8	401.5	113.1	35.6	18.2	11.1	5.9	4.1			
-20		5.5	10.5	16.5	26.8	53.3	121.3	200.7	200.7	121.3	53.3	26.8	16.5	10.5	5.5				
-30	3.2	4.9	9.6	14.6	20.7	29.8	42.0	52.0	52.0	42.0	29.8	20.7	14.6	9.6	4.9	3.2			
-40		4.0	8.2	12.7	16.8	21.2	25.0	26.9	26.9	25.0	21.2	16.8	12.7	8.2	4.0				
-50	1.8	3.1	6.3	10.3	13.8	16.8	18.8	19.6	19.6	18.8	16.8	13.8	10.3	6.3	3.1	1.8			
-60		2.0	4.2	6.9	9.8	12.0	13.5	14.1	14.1	13.5	12.0	9.8	6.9	4.2	2.0				
-70	0.5	4.0		10.5		17.0		18.5		17.0		10.5		4.0		0.5			
-80		4.0		10.5		17.0		18.5		17.0		10.5		4.0					
-90	0.5	4.0		10.5		17.0		18.5		17.0		10.5		4.0		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

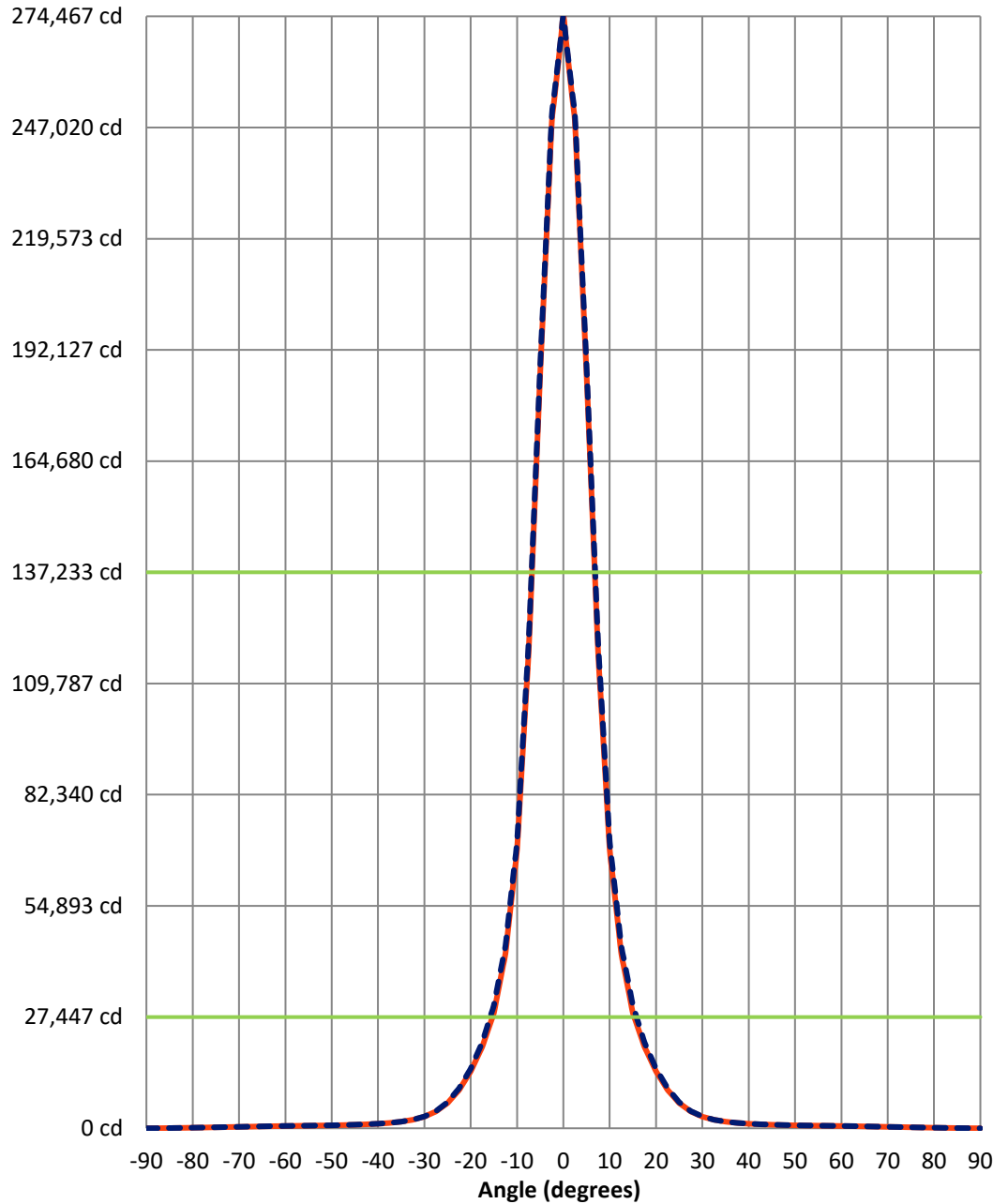
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 8616.7
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 19391.1
 Efficiency: 66.5%

Spill:
 Lumens: 9753.3
 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	0.9	2.0	3.1	4.1	5.1	6.1	7.1	8.0	9.0	9.9
85°	0.0	1.8	4.1	6.1	8.2	10.2	12.2	14.1	16.1	18.0	19.8
82.5°	0.0	2.7	6.1	9.2	12.2	15.2	18.2	21.1	24.3	28.6	32.9
80°	0.0	3.6	8.1	12.2	16.2	20.2	24.6	30.5	36.3	42.0	47.6
77.5°	0.0	4.4	10.1	15.2	20.2	26.0	33.5	40.9	48.1	55.3	62.9
75°	0.0	5.3	12.0	18.2	24.5	33.1	42.3	51.2	60.1	70.1	79.9
72.5°	0.0	6.1	14.0	21.1	29.8	40.0	50.9	61.9	73.7	85.3	96.7
70°	0.0	7.0	15.8	24.2	35.1	46.8	59.6	73.7	87.1	100.4	115.2
67.5°	0.0	7.8	17.6	27.9	40.2	53.5	69.4	85.3	100.4	117.3	134.0
65°	0.0	8.6	19.4	31.6	45.2	60.7	79.1	96.7	115.2	134.0	153.6
62.5°	0.0	9.3	21.1	35.1	50.1	68.6	88.6	109.0	129.8	151.0	175.7
60°	0.0	10.1	22.7	38.5	54.8	76.3	97.8	121.6	144.1	170.0	197.2
57.5°	0.0	10.8	24.8	41.9	60.8	83.9	107.9	133.7	159.8	188.3	217.9
55°	0.0	11.5	26.9	45.1	66.6	91.1	118.0	145.4	175.3	206.1	237.9
52.5°	0.0	12.1	28.9	48.2	72.3	98.4	127.7	158.0	190.2	223.1	257.0
50°	0.0	12.8	30.9	51.1	77.7	106.2	137.0	170.4	204.5	239.4	275.4
47.5°	0.0	13.4	32.8	54.2	82.9	113.7	146.2	182.3	218.1	254.9	293.4
45°	0.0	13.9	34.6	58.0	88.0	120.9	156.0	193.8	231.3	270.7	311.0
42.5°	0.0	14.4	36.4	61.6	92.8	127.8	165.4	204.7	243.8	286.1	328.2
40°	0.0	14.9	38.1	65.1	97.7	134.4	174.3	215.2	256.2	300.9	344.8
37.5°	0.0	15.4	39.8	68.5	102.6	140.6	182.8	225.1	268.5	314.8	360.9
35°	0.0	15.8	41.3	71.7	107.3	146.9	190.8	234.4	279.9	327.9	376.5
32.5°	0.0	16.2	42.8	74.7	111.7	153.1	198.2	243.2	290.5	340.1	389.9
30°	0.0	16.5	44.2	77.5	115.7	158.9	205.2	251.4	300.1	351.4	402.2
27.5°	0.0	16.8	45.5	80.1	119.7	164.2	211.6	259.2	309.0	361.9	413.2
25°	0.0	17.1	46.7	82.5	123.3	169.1	217.5	266.3	317.4	371.1	422.9
22.5°	0.0	17.3	47.9	84.6	126.7	173.5	222.8	272.5	325.0	379.0	431.4
20°	0.0	17.5	48.9	86.6	129.7	177.3	227.6	278.0	331.7	385.9	439.1
17.5°	0.0	17.6	49.8	88.3	132.3	180.6	231.5	282.7	337.5	391.6	445.8
15°	0.0	17.7	50.6	89.9	134.6	183.3	234.7	286.8	342.5	396.3	451.7
12.5°	0.0	17.8	51.3	91.2	136.6	185.4	237.3	290.6	346.6	399.9	456.6
10°	0.0	17.8	51.9	92.2	138.2	187.0	239.3	293.9	349.8	403.8	461.2
7.5°	0.0	17.8	52.3	93.0	139.5	188.0	240.7	296.4	352.0	407.1	466.7
5°	0.0	17.8	52.6	93.6	140.4	188.6	241.4	298.3	353.2	409.6	471.0
2.5°	0.0	17.7	52.8	94.0	140.9	188.6	241.6	299.5	353.4	411.1	474.3
0°	0.0	17.6	52.9	94.1	141.1	188.2	241.1	299.9	352.8	411.6	476.3
-2.5°	0.0	17.7	52.8	94.0	140.9	188.6	241.6	299.5	353.4	411.1	474.3
-5°	0.0	17.8	52.6	93.6	140.4	188.6	241.4	298.3	353.2	409.6	471.0
-7.5°	0.0	17.8	52.3	93.0	139.5	188.0	240.7	296.4	352.0	407.1	466.7
-10°	0.0	17.8	51.9	92.2	138.2	187.0	239.3	293.9	349.8	403.8	461.2
-12.5°	0.0	17.8	51.3	91.2	136.6	185.4	237.3	290.6	346.6	399.9	456.6
-15°	0.0	17.7	50.6	89.9	134.6	183.3	234.7	286.8	342.5	396.3	451.7
-17.5°	0.0	17.6	49.8	88.3	132.3	180.6	231.5	282.7	337.5	391.6	445.8
-20°	0.0	17.5	48.9	86.6	129.7	177.3	227.6	278.0	331.7	385.9	439.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.3	47.9	84.6	126.7	173.5	222.8	272.5	325.0	379.0	431.4
-25°	0.0	17.1	46.7	82.5	123.3	169.1	217.5	266.3	317.4	371.1	422.9
-27.5°	0.0	16.8	45.5	80.1	119.7	164.2	211.6	259.2	309.0	361.9	413.2
-30°	0.0	16.5	44.2	77.5	115.7	158.9	205.2	251.4	300.1	351.4	402.2
-32.5°	0.0	16.2	42.8	74.7	111.7	153.1	198.2	243.2	290.5	340.1	389.9
-35°	0.0	15.8	41.3	71.7	107.3	146.9	190.8	234.4	279.9	327.9	376.5
-37.5°	0.0	15.4	39.8	68.5	102.6	140.6	182.8	225.1	268.5	314.8	360.9
-40°	0.0	14.9	38.1	65.1	97.7	134.4	174.3	215.2	256.2	300.9	344.8
-42.5°	0.0	14.4	36.4	61.6	92.8	127.8	165.4	204.7	243.8	286.1	328.2
-45°	0.0	13.9	34.6	58.0	88.0	120.9	156.0	193.8	231.3	270.7	311.0
-47.5°	0.0	13.4	32.8	54.2	82.9	113.7	146.2	182.3	218.1	254.9	293.4
-50°	0.0	12.8	30.9	51.1	77.7	106.2	137.0	170.4	204.5	239.4	275.4
-52.5°	0.0	12.1	28.9	48.2	72.3	98.4	127.7	158.0	190.2	223.1	257.0
-55°	0.0	11.5	26.9	45.1	66.6	91.1	118.0	145.4	175.3	206.1	237.9
-57.5°	0.0	10.8	24.8	41.9	60.8	83.9	107.9	133.7	159.8	188.3	217.9
-60°	0.0	10.1	22.7	38.5	54.8	76.3	97.8	121.6	144.1	170.0	197.2
-62.5°	0.0	9.3	21.1	35.1	50.1	68.6	88.6	109.0	129.8	151.0	175.7
-65°	0.0	8.6	19.4	31.6	45.2	60.7	79.1	96.7	115.2	134.0	153.6
-67.5°	0.0	7.8	17.6	27.9	40.2	53.5	69.4	85.3	100.4	117.3	134.0
-70°	0.0	7.0	15.8	24.2	35.1	46.8	59.6	73.7	87.1	100.4	115.2
-72.5°	0.0	6.1	14.0	21.1	29.8	40.0	50.9	61.9	73.7	85.3	96.7
-75°	0.0	5.3	12.0	18.2	24.5	33.1	42.3	51.2	60.1	70.1	79.9
-77.5°	0.0	4.4	10.1	15.2	20.2	26.0	33.5	40.9	48.1	55.3	62.9
-80°	0.0	3.6	8.1	12.2	16.2	20.2	24.6	30.5	36.3	42.0	47.6
-82.5°	0.0	2.7	6.1	9.2	12.2	15.2	18.2	21.1	24.3	28.6	32.9
-85°	0.0	1.8	4.1	6.1	8.2	10.2	12.2	14.1	16.1	18.0	19.8
-87.5°	0.0	0.9	2.0	3.1	4.1	5.1	6.1	7.1	8.0	9.0	9.9
-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°	10.8	11.7	12.6	13.5	14.3	15.1	15.9	16.6	17.3	18.0	18.6
85°	21.7	23.5	26.1	28.7	30.8	32.7	34.3	35.7	38.1	40.7	43.3
82.5°	37.0	41.0	45.0	48.8	51.5	53.6	55.6	58.6	63.8	68.8	73.3
80°	53.1	58.5	64.6	70.6	75.7	80.8	86.2	91.6	97.3	102.7	107.9
77.5°	70.9	78.8	86.5	93.9	101.3	109.3	117.1	124.5	131.6	138.4	144.9
75°	89.5	98.9	109.3	119.5	129.4	139.0	148.5	158.5	168.2	177.4	186.1
72.5°	109.0	121.6	133.8	145.7	158.6	171.2	183.4	195.2	206.6	218.6	231.3
70°	129.8	144.1	160.0	175.3	189.7	204.8	219.8	232.8	245.2	261.7	278.6
67.5°	151.2	170.5	188.5	205.7	224.9	242.7	258.1	274.5	292.2	311.2	327.9
65°	176.4	197.4	218.3	240.1	262.2	280.7	300.0	320.4	340.3	359.4	377.5
62.5°	201.2	224.9	249.0	272.8	295.5	317.7	340.9	363.7	385.6	407.8	427.3
60°	225.2	252.1	277.5	302.3	328.1	355.7	381.4	406.6	432.9	458.0	471.1
57.5°	248.3	277.1	303.6	331.5	361.8	392.9	419.9	448.5	471.1	488.4	505.3
55°	270.1	300.0	329.1	360.4	393.4	425.7	455.8	481.2	502.0	517.9	535.9
52.5°	290.5	322.0	353.7	387.9	422.9	457.3	488.8	512.6	531.3	547.7	564.5
50°	310.5	343.6	377.1	414.6	452.1	488.7	519.6	541.4	559.1	575.8	593.1
47.5°	330.2	364.9	401.0	440.9	481.5	516.9	546.2	566.1	584.0	603.6	622.5
45°	349.5	387.1	425.3	468.2	508.9	543.1	567.9	587.9	609.9	631.1	651.4
42.5°	368.3	408.9	450.3	494.8	534.2	564.9	588.1	611.7	635.4	658.0	681.0
40°	387.3	429.8	473.7	517.9	557.6	584.1	608.7	634.1	660.3	684.8	710.2
37.5°	405.5	449.5	494.7	539.4	575.5	602.4	627.9	656.0	683.5	710.3	743.4
35°	422.8	467.4	513.1	556.3	591.0	618.8	647.4	676.9	705.8	740.5	778.3
32.5°	438.3	483.5	529.8	570.1	604.0	634.1	666.0	696.9	731.6	770.9	816.2
30°	451.3	497.6	544.0	583.4	616.5	648.3	683.0	717.0	757.7	804.9	858.8
27.5°	462.8	510.3	555.4	594.8	628.5	660.1	696.6	739.6	786.3	839.2	902.5
25°	473.5	523.0	566.1	605.2	638.0	671.1	710.2	757.7	813.9	877.6	955.0
22.5°	483.6	535.3	577.0	615.1	645.5	681.2	725.2	777.0	838.0	912.6	1006.9
20°	493.2	544.5	585.7	622.9	651.1	690.1	738.5	793.8	863.1	952.1	1061.1
17.5°	502.1	552.4	592.5	627.5	658.5	699.5	750.2	807.4	884.9	988.0	1111.0
15°	510.2	559.0	598.0	631.2	665.0	709.3	762.4	824.4	909.1	1022.2	1155.2
12.5°	517.3	564.3	602.2	634.1	670.3	717.4	773.3	842.1	935.0	1055.8	1211.2
10°	523.4	568.4	605.2	636.1	674.2	723.6	782.3	856.5	955.7	1081.8	1254.3
7.5°	528.6	571.6	607.2	637.2	676.8	727.9	789.4	867.4	970.1	1100.3	1285.4
5°	532.3	574.2	609.6	640.9	680.7	731.3	794.5	874.9	978.6	1111.3	1304.7
2.5°	534.4	575.8	611.1	644.3	685.1	734.2	798.4	883.2	985.4	1122.0	1319.5
0°	535.1	576.3	611.6	646.9	688.0	735.1	799.7	888.0	987.9	1129.1	1329.0
-2.5°	534.4	575.8	611.1	644.3	685.1	734.2	798.4	883.2	985.4	1122.0	1319.5
-5°	532.3	574.2	609.6	640.9	680.7	731.3	794.5	874.9	978.6	1111.3	1304.7
-7.5°	528.6	571.6	607.2	637.2	676.8	727.9	789.4	867.4	970.1	1100.3	1285.4
-10°	523.4	568.4	605.2	636.1	674.2	723.6	782.3	856.5	955.7	1081.8	1254.3
-12.5°	517.3	564.3	602.2	634.1	670.3	717.4	773.3	842.1	935.0	1055.8	1211.2
-15°	510.2	559.0	598.0	631.2	665.0	709.3	762.4	824.4	909.1	1022.2	1155.2
-17.5°	502.1	552.4	592.5	627.5	658.5	699.5	750.2	807.4	884.9	988.0	1111.0
-20°	493.2	544.5	585.7	622.9	651.1	690.1	738.5	793.8	863.1	952.1	1061.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	483.6	535.3	577.0	615.1	645.5	681.2	725.2	777.0	838.0	912.6	1006.9
-25°	473.5	523.0	566.1	605.2	638.0	671.1	710.2	757.7	813.9	877.6	955.0
-27.5°	462.8	510.3	555.4	594.8	628.5	660.1	696.6	739.6	786.3	839.2	902.5
-30°	451.3	497.6	544.0	583.4	616.5	648.3	683.0	717.0	757.7	804.9	858.8
-32.5°	438.3	483.5	529.8	570.1	604.0	634.1	666.0	696.9	731.6	770.9	816.2
-35°	422.8	467.4	513.1	556.3	591.0	618.8	647.4	676.9	705.8	740.5	778.3
-37.5°	405.5	449.5	494.7	539.4	575.5	602.4	627.9	656.0	683.5	710.3	743.4
-40°	387.3	429.8	473.7	517.9	557.6	584.1	608.7	634.1	660.3	684.8	710.2
-42.5°	368.3	408.9	450.3	494.8	534.2	564.9	588.1	611.7	635.4	658.0	681.0
-45°	349.5	387.1	425.3	468.2	508.9	543.1	567.9	587.9	609.9	631.1	651.4
-47.5°	330.2	364.9	401.0	440.9	481.5	516.9	546.2	566.1	584.0	603.6	622.5
-50°	310.5	343.6	377.1	414.6	452.1	488.7	519.6	541.4	559.1	575.8	593.1
-52.5°	290.5	322.0	353.7	387.9	422.9	457.3	488.8	512.6	531.3	547.7	564.5
-55°	270.1	300.0	329.1	360.4	393.4	425.7	455.8	481.2	502.0	517.9	535.9
-57.5°	248.3	277.1	303.6	331.5	361.8	392.9	419.9	448.5	471.1	488.4	505.3
-60°	225.2	252.1	277.5	302.3	328.1	355.7	381.4	406.6	432.9	458.0	471.1
-62.5°	201.2	224.9	249.0	272.8	295.5	317.7	340.9	363.7	385.6	407.8	427.3
-65°	176.4	197.4	218.3	240.1	262.2	280.7	300.0	320.4	340.3	359.4	377.5
-67.5°	151.2	170.5	188.5	205.7	224.9	242.7	258.1	274.5	292.2	311.2	327.9
-70°	129.8	144.1	160.0	175.3	189.7	204.8	219.8	232.8	245.2	261.7	278.6
-72.5°	109.0	121.6	133.8	145.7	158.6	171.2	183.4	195.2	206.6	218.6	231.3
-75°	89.5	98.9	109.3	119.5	129.4	139.0	148.5	158.5	168.2	177.4	186.1
-77.5°	70.9	78.8	86.5	93.9	101.3	109.3	117.1	124.5	131.6	138.4	144.9
-80°	53.1	58.5	64.6	70.6	75.7	80.8	86.2	91.6	97.3	102.7	107.9
-82.5°	37.0	41.0	45.0	48.8	51.5	53.6	55.6	58.6	63.8	68.8	73.3
-85°	21.7	23.5	26.1	28.7	30.8	32.7	34.3	35.7	38.1	40.7	43.3
-87.5°	10.8	11.7	12.6	13.5	14.3	15.1	15.9	16.6	17.3	18.0	18.6
-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: P627629 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	19.2	19.8	20.3	20.8	21.3	21.7	22.1	22.4	22.7	21.5	20.2
85°	46.0	47.7	49.3	50.8	52.2	53.4	54.5	55.5	56.4	55.7	54.8
82.5°	77.5	80.6	83.4	86.0	88.4	90.5	92.5	94.2	95.8	95.6	95.2
80°	112.7	117.8	122.9	127.9	132.8	135.8	137.9	139.5	140.6	141.1	141.3
77.5°	151.5	159.3	167.4	175.5	183.3	187.8	191.0	193.7	195.8	196.3	195.9
75°	194.4	204.5	215.6	225.3	233.7	238.9	242.5	245.5	247.9	248.6	248.3
72.5°	244.4	256.8	266.7	274.9	282.0	287.6	292.1	295.9	299.1	300.4	300.6
70°	293.5	305.8	315.2	323.6	330.5	336.3	341.7	346.3	350.1	352.9	355.0
67.5°	343.3	357.3	367.0	374.6	380.5	386.6	393.7	399.9	405.1	408.6	410.3
65°	394.4	408.9	418.2	426.5	433.8	441.4	449.4	455.2	459.1	461.5	463.1
62.5°	443.9	457.4	469.2	480.1	490.6	499.4	504.8	509.7	513.9	517.4	520.1
60°	486.3	503.6	516.8	527.3	537.6	547.5	554.2	559.5	563.7	566.7	568.6
57.5°	522.6	540.2	555.8	565.9	577.0	588.9	596.7	601.2	605.3	608.8	610.5
55°	554.4	570.6	584.9	598.8	611.3	621.9	630.2	636.2	641.3	645.3	646.7
52.5°	582.9	600.5	617.3	632.1	644.4	654.6	662.8	670.3	676.0	679.9	681.6
50°	612.8	631.8	649.9	666.0	678.6	690.1	700.3	709.1	717.6	724.2	729.0
47.5°	642.3	662.6	682.5	700.2	715.4	731.9	746.8	759.4	771.7	781.7	788.5
45°	672.1	695.4	717.0	740.0	760.5	782.2	802.4	819.7	837.6	851.1	860.2
42.5°	705.1	731.6	757.7	786.3	814.2	842.5	873.0	900.2	921.3	941.0	957.1
40°	740.5	770.9	804.9	839.9	881.0	918.3	959.4	994.6	1026.4	1060.2	1086.9
37.5°	778.3	816.2	860.9	907.7	960.9	1012.0	1065.6	1118.2	1164.2	1218.4	1259.8
35°	820.0	870.6	925.6	989.0	1055.2	1128.4	1201.7	1286.4	1359.3	1439.5	1509.4
32.5°	869.4	929.8	1002.0	1085.5	1170.7	1281.7	1385.4	1520.2	1636.8	1764.1	1892.3
30°	920.2	999.1	1092.3	1197.6	1332.8	1485.5	1655.7	1856.3	2063.1	2263.2	2504.7
27.5°	983.1	1078.4	1191.2	1345.0	1544.1	1750.5	2043.1	2344.2	2724.4	3038.8	3482.2
25°	1048.5	1160.6	1320.9	1530.2	1790.1	2148.2	2592.2	3073.5	3742.3	4330.1	5019.3
22.5°	1119.6	1271.1	1470.6	1728.8	2122.9	2672.6	3344.9	4250.9	5237.5	6285.0	7326.9
20°	1193.8	1377.1	1638.5	2012.8	2553.5	3298.0	4452.2	5850.9	7260.4	8988.7	10519.2
17.5°	1279.7	1512.9	1835.1	2303.2	3024.8	4165.2	5766.4	7719.0	9905.7	12390.7	14597.2
15°	1351.2	1629.4	2036.0	2690.9	3683.3	5147.8	7167.0	9853.2	13139.2	16476.7	19862.8
12.5°	1434.3	1756.0	2233.6	3014.4	4260.9	6207.2	8955.7	12355.7	16459.6	21088.9	26546.1
10°	1508.1	1880.4	2474.0	3440.6	4963.9	7312.1	10647.8	14738.2	20034.3	26694.7	35145.7
7.5°	1562.7	1979.3	2659.7	3764.9	5571.6	8374.4	12246.5	17347.2	24076.6	32871.7	44470.2
5°	1598.2	2051.0	2791.0	4015.2	6047.3	9165.0	13418.1	19197.6	27316.2	39755.4	59395.9
2.5°	1619.4	2093.4	2866.0	4161.9	6336.7	9688.8	14309.5	20596.8	29415.8	44009.5	68995.8
0°	1628.9	2105.2	2910.9	4239.8	6433.3	9891.0	14718.9	21234.5	30355.2	45003.5	70683.7
-2.5°	1619.4	2093.4	2866.0	4161.9	6336.7	9688.8	14309.5	20596.8	29415.8	44009.5	68995.8
-5°	1598.2	2051.0	2791.0	4015.2	6047.3	9165.0	13418.1	19197.6	27316.2	39755.4	59395.9
-7.5°	1562.7	1979.3	2659.7	3764.9	5571.6	8374.4	12246.5	17347.2	24076.6	32871.7	44470.2
-10°	1508.1	1880.4	2474.0	3440.6	4963.9	7312.1	10647.8	14738.2	20034.3	26694.7	35145.7
-12.5°	1434.3	1756.0	2233.6	3014.4	4260.9	6207.2	8955.7	12355.7	16459.6	21088.9	26546.1
-15°	1351.2	1629.4	2036.0	2690.9	3683.3	5147.8	7167.0	9853.2	13139.2	16476.7	19862.8
-17.5°	1279.7	1512.9	1835.1	2303.2	3024.8	4165.2	5766.4	7719.0	9905.7	12390.7	14597.2
-20°	1193.8	1377.1	1638.5	2012.8	2553.5	3298.0	4452.2	5850.9	7260.4	8988.7	10519.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	1119.6	1271.1	1470.6	1728.8	2122.9	2672.6	3344.9	4250.9	5237.5	6285.0	7326.9
-25°	1048.5	1160.6	1320.9	1530.2	1790.1	2148.2	2592.2	3073.5	3742.3	4330.1	5019.3
-27.5°	983.1	1078.4	1191.2	1345.0	1544.1	1750.5	2043.1	2344.2	2724.4	3038.8	3482.2
-30°	920.2	999.1	1092.3	1197.6	1332.8	1485.5	1655.7	1856.3	2063.1	2263.2	2504.7
-32.5°	869.4	929.8	1002.0	1085.5	1170.7	1281.7	1385.4	1520.2	1636.8	1764.1	1892.3
-35°	820.0	870.6	925.6	989.0	1055.2	1128.4	1201.7	1286.4	1359.3	1439.5	1509.4
-37.5°	778.3	816.2	860.9	907.7	960.9	1012.0	1065.6	1118.2	1164.2	1218.4	1259.8
-40°	740.5	770.9	804.9	839.9	881.0	918.3	959.4	994.6	1026.4	1060.2	1086.9
-42.5°	705.1	731.6	757.7	786.3	814.2	842.5	873.0	900.2	921.3	941.0	957.1
-45°	672.1	695.4	717.0	740.0	760.5	782.2	802.4	819.7	837.6	851.1	860.2
-47.5°	642.3	662.6	682.5	700.2	715.4	731.9	746.8	759.4	771.7	781.7	788.5
-50°	612.8	631.8	649.9	666.0	678.6	690.1	700.3	709.1	717.6	724.2	729.0
-52.5°	582.9	600.5	617.3	632.1	644.4	654.6	662.8	670.3	676.0	679.9	681.6
-55°	554.4	570.6	584.9	598.8	611.3	621.9	630.2	636.2	641.3	645.3	646.7
-57.5°	522.6	540.2	555.8	565.9	577.0	588.9	596.7	601.2	605.3	608.8	610.5
-60°	486.3	503.6	516.8	527.3	537.6	547.5	554.2	559.5	563.7	566.7	568.6
-62.5°	443.9	457.4	469.2	480.1	490.6	499.4	504.8	509.7	513.9	517.4	520.1
-65°	394.4	408.9	418.2	426.5	433.8	441.4	449.4	455.2	459.1	461.5	463.1
-67.5°	343.3	357.3	367.0	374.6	380.5	386.6	393.7	399.9	405.1	408.6	410.3
-70°	293.5	305.8	315.2	323.6	330.5	336.3	341.7	346.3	350.1	352.9	355.0
-72.5°	244.4	256.8	266.7	274.9	282.0	287.6	292.1	295.9	299.1	300.4	300.6
-75°	194.4	204.5	215.6	225.3	233.7	238.9	242.5	245.5	247.9	248.6	248.3
-77.5°	151.5	159.3	167.4	175.5	183.3	187.8	191.0	193.7	195.8	196.3	195.9
-80°	112.7	117.8	122.9	127.9	132.8	135.8	137.9	139.5	140.6	141.1	141.3
-82.5°	77.5	80.6	83.4	86.0	88.4	90.5	92.5	94.2	95.8	95.6	95.2
-85°	46.0	47.7	49.3	50.8	52.2	53.4	54.5	55.5	56.4	55.7	54.8
-87.5°	19.2	19.8	20.3	20.8	21.3	21.7	22.1	22.4	22.7	21.5	20.2
-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: P627629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	18.9	17.5	17.6	17.6	17.6	17.5	18.9	20.2	21.5	22.7	22.4
85°	53.8	52.6	52.8	52.9	52.8	52.6	53.8	54.8	55.7	56.4	55.5
82.5°	94.5	93.7	94.0	94.1	94.0	93.7	94.5	95.2	95.6	95.8	94.2
80°	141.0	140.4	138.1	135.3	138.1	140.4	141.0	141.3	141.1	140.6	139.5
77.5°	194.9	193.2	191.0	188.2	191.0	193.2	194.9	195.9	196.3	195.8	193.7
75°	247.5	246.0	246.7	247.0	246.7	246.0	247.5	248.3	248.6	247.9	245.5
72.5°	300.0	298.7	299.5	299.9	299.5	298.7	300.0	300.6	300.4	299.1	295.9
70°	356.4	357.0	355.5	352.8	355.5	357.0	356.4	355.0	352.9	350.1	346.3
67.5°	410.8	410.2	408.5	405.8	408.5	410.2	410.8	410.3	408.6	405.1	399.9
65°	463.6	463.0	464.0	464.6	464.0	463.0	463.6	463.1	461.5	459.1	455.2
62.5°	521.4	521.5	520.2	517.5	520.2	521.5	521.4	520.1	517.4	513.9	509.7
60°	569.4	568.9	567.3	564.5	567.3	568.9	569.4	568.6	566.7	563.7	559.5
57.5°	611.0	610.4	608.6	605.7	608.6	610.4	611.0	610.5	608.8	605.3	601.2
55°	646.9	646.0	644.1	641.0	644.1	646.0	646.9	646.7	645.3	641.3	636.2
52.5°	682.0	681.3	681.5	682.1	681.5	681.3	682.0	681.6	679.9	676.0	670.3
50°	732.0	733.0	732.1	729.2	732.1	733.0	732.0	729.0	724.2	717.6	709.1
47.5°	791.9	792.2	790.8	788.0	790.8	792.2	791.9	788.5	781.7	771.7	759.4
45°	867.3	871.6	872.7	870.3	872.7	871.6	867.3	860.2	851.1	837.6	819.7
42.5°	969.4	976.0	978.0	976.2	978.0	976.0	969.4	957.1	941.0	921.3	900.2
40°	1103.4	1111.0	1112.5	1111.4	1112.5	1111.0	1103.4	1086.9	1060.2	1026.4	994.6
37.5°	1288.9	1307.5	1316.2	1317.2	1316.2	1307.5	1288.9	1259.8	1218.4	1164.2	1118.2
35°	1562.6	1599.6	1619.4	1628.9	1619.4	1599.6	1562.6	1509.4	1439.5	1359.3	1286.4
32.5°	1989.4	2063.4	2104.4	2099.3	2104.4	2063.4	1989.4	1892.3	1764.1	1636.8	1520.2
30°	2686.7	2816.0	2881.1	2863.8	2881.1	2816.0	2686.7	2504.7	2263.2	2063.1	1856.3
27.5°	3800.6	4034.3	4169.5	4151.6	4169.5	4034.3	3800.6	3482.2	3038.8	2724.4	2344.2
25°	5595.5	6022.0	6295.1	6227.5	6295.1	6022.0	5595.5	5019.3	4330.1	3742.3	3073.5
22.5°	8325.8	9048.4	9526.6	9467.6	9526.6	9048.4	8325.8	7326.9	6285.0	5237.5	4250.9
20°	12071.1	13170.9	13956.2	14060.3	13956.2	13170.9	12071.1	10519.2	8988.7	7260.4	5850.9
17.5°	16980.5	18724.3	19938.2	20140.7	19938.2	18724.3	16980.5	14597.2	12390.7	9905.7	7719.0
15°	23360.8	26211.0	28273.7	28444.0	28273.7	26211.0	23360.8	19862.8	16476.7	13139.2	9853.2
12.5°	32024.4	37756.9	41498.2	43145.3	41498.2	37756.9	32024.4	26546.1	21088.9	16459.6	12355.7
10°	44014.4	57181.6	65614.2	68784.3	65614.2	57181.6	44014.4	35145.7	26694.7	20034.3	14738.2
7.5°	64041.3	84714.2	107697.1	117492.5	107697.1	84714.2	64041.3	44470.2	32871.7	24076.6	17347.2
5°	86720.1	129624.8	170434.7	186370.9	170434.7	129624.8	86720.1	59395.9	39755.4	27316.2	19197.6
2.5°	110584.1	170386.9	226426.7	248342.6	226426.7	170386.9	110584.1	68995.8	44009.5	29415.8	20596.8
0°	119903.5	188235.0	249892.1	274466.7	249892.1	188235.0	119903.5	70683.7	45003.5	30355.2	21234.5
-2.5°	110584.1	170386.9	226426.7	248342.6	226426.7	170386.9	110584.1	68995.8	44009.5	29415.8	20596.8
-5°	86720.1	129624.8	170434.7	186370.9	170434.7	129624.8	86720.1	59395.9	39755.4	27316.2	19197.6
-7.5°	64041.3	84714.2	107697.1	117492.5	107697.1	84714.2	64041.3	44470.2	32871.7	24076.6	17347.2
-10°	44014.4	57181.6	65614.2	68784.3	65614.2	57181.6	44014.4	35145.7	26694.7	20034.3	14738.2
-12.5°	32024.4	37756.9	41498.2	43145.3	41498.2	37756.9	32024.4	26546.1	21088.9	16459.6	12355.7
-15°	23360.8	26211.0	28273.7	28444.0	28273.7	26211.0	23360.8	19862.8	16476.7	13139.2	9853.2
-17.5°	16980.5	18724.3	19938.2	20140.7	19938.2	18724.3	16980.5	14597.2	12390.7	9905.7	7719.0
-20°	12071.1	13170.9	13956.2	14060.3	13956.2	13170.9	12071.1	10519.2	8988.7	7260.4	5850.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	8325.8	9048.4	9526.6	9467.6	9526.6	9048.4	8325.8	7326.9	6285.0	5237.5	4250.9
-25°	5595.5	6022.0	6295.1	6227.5	6295.1	6022.0	5595.5	5019.3	4330.1	3742.3	3073.5
-27.5°	3800.6	4034.3	4169.5	4151.6	4169.5	4034.3	3800.6	3482.2	3038.8	2724.4	2344.2
-30°	2686.7	2816.0	2881.1	2863.8	2881.1	2816.0	2686.7	2504.7	2263.2	2063.1	1856.3
-32.5°	1989.4	2063.4	2104.4	2099.3	2104.4	2063.4	1989.4	1892.3	1764.1	1636.8	1520.2
-35°	1562.6	1599.6	1619.4	1628.9	1619.4	1599.6	1562.6	1509.4	1439.5	1359.3	1286.4
-37.5°	1288.9	1307.5	1316.2	1317.2	1316.2	1307.5	1288.9	1259.8	1218.4	1164.2	1118.2
-40°	1103.4	1111.0	1112.5	1111.4	1112.5	1111.0	1103.4	1086.9	1060.2	1026.4	994.6
-42.5°	969.4	976.0	978.0	976.2	978.0	976.0	969.4	957.1	941.0	921.3	900.2
-45°	867.3	871.6	872.7	870.3	872.7	871.6	867.3	860.2	851.1	837.6	819.7
-47.5°	791.9	792.2	790.8	788.0	790.8	792.2	791.9	788.5	781.7	771.7	759.4
-50°	732.0	733.0	732.1	729.2	732.1	733.0	732.0	729.0	724.2	717.6	709.1
-52.5°	682.0	681.3	681.5	682.1	681.5	681.3	682.0	681.6	679.9	676.0	670.3
-55°	646.9	646.0	644.1	641.0	644.1	646.0	646.9	646.7	645.3	641.3	636.2
-57.5°	611.0	610.4	608.6	605.7	608.6	610.4	611.0	610.5	608.8	605.3	601.2
-60°	569.4	568.9	567.3	564.5	567.3	568.9	569.4	568.6	566.7	563.7	559.5
-62.5°	521.4	521.5	520.2	517.5	520.2	521.5	521.4	520.1	517.4	513.9	509.7
-65°	463.6	463.0	464.0	464.6	464.0	463.0	463.6	463.1	461.5	459.1	455.2
-67.5°	410.8	410.2	408.5	405.8	408.5	410.2	410.8	410.3	408.6	405.1	399.9
-70°	356.4	357.0	355.5	352.8	355.5	357.0	356.4	355.0	352.9	350.1	346.3
-72.5°	300.0	298.7	299.5	299.9	299.5	298.7	300.0	300.6	300.4	299.1	295.9
-75°	247.5	246.0	246.7	247.0	246.7	246.0	247.5	248.3	248.6	247.9	245.5
-77.5°	194.9	193.2	191.0	188.2	191.0	193.2	194.9	195.9	196.3	195.8	193.7
-80°	141.0	140.4	138.1	135.3	138.1	140.4	141.0	141.3	141.1	140.6	139.5
-82.5°	94.5	93.7	94.0	94.1	94.0	93.7	94.5	95.2	95.6	95.8	94.2
-85°	53.8	52.6	52.8	52.9	52.8	52.6	53.8	54.8	55.7	56.4	55.5
-87.5°	18.9	17.5	17.6	17.6	17.6	17.5	18.9	20.2	21.5	22.7	22.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	22.1	21.7	21.3	20.8	20.3	19.8	19.2	18.6	18.0	17.3	16.6
85°	54.5	53.4	52.2	50.8	49.3	47.7	46.0	43.3	40.7	38.1	35.7
82.5°	92.5	90.5	88.4	86.0	83.4	80.6	77.5	73.3	68.8	63.8	58.6
80°	137.9	135.8	132.8	127.9	122.9	117.8	112.7	107.9	102.7	97.3	91.6
77.5°	191.0	187.8	183.3	175.5	167.4	159.3	151.5	144.9	138.4	131.6	124.5
75°	242.5	238.9	233.7	225.3	215.6	204.5	194.4	186.1	177.4	168.2	158.5
72.5°	292.1	287.6	282.0	274.9	266.7	256.8	244.4	231.3	218.6	206.6	195.2
70°	341.7	336.3	330.5	323.6	315.2	305.8	293.5	278.6	261.7	245.2	232.8
67.5°	393.7	386.6	380.5	374.6	367.0	357.3	343.3	327.9	311.2	292.2	274.5
65°	449.4	441.4	433.8	426.5	418.2	408.9	394.4	377.5	359.4	340.3	320.4
62.5°	504.8	499.4	490.6	480.1	469.2	457.4	443.9	427.3	407.8	385.6	363.7
60°	554.2	547.5	537.6	527.3	516.8	503.6	486.3	471.1	458.0	432.9	406.6
57.5°	596.7	588.9	577.0	565.9	555.8	540.2	522.6	505.3	488.4	471.1	448.5
55°	630.2	621.9	611.3	598.8	584.9	570.6	554.4	535.9	517.9	502.0	481.2
52.5°	662.8	654.6	644.4	632.1	617.3	600.5	582.9	564.5	547.7	531.3	512.6
50°	700.3	690.1	678.6	666.0	649.9	631.8	612.8	593.1	575.8	559.1	541.4
47.5°	746.8	731.9	715.4	700.2	682.5	662.6	642.3	622.5	603.6	584.0	566.1
45°	802.4	782.2	760.5	740.0	717.0	695.4	672.1	651.4	631.1	609.9	587.9
42.5°	873.0	842.5	814.2	786.3	757.7	731.6	705.1	681.0	658.0	635.4	611.7
40°	959.4	918.3	881.0	839.9	804.9	770.9	740.5	710.2	684.8	660.3	634.1
37.5°	1065.6	1012.0	960.9	907.7	860.9	816.2	778.3	743.4	710.3	683.5	656.0
35°	1201.7	1128.4	1055.2	989.0	925.6	870.6	820.0	778.3	740.5	705.8	676.9
32.5°	1385.4	1281.7	1170.7	1085.5	1002.0	929.8	869.4	816.2	770.9	731.6	696.9
30°	1655.7	1485.5	1332.8	1197.6	1092.3	999.1	920.2	858.8	804.9	757.7	717.0
27.5°	2043.1	1750.5	1544.1	1345.0	1191.2	1078.4	983.1	902.5	839.2	786.3	739.6
25°	2592.2	2148.2	1790.1	1530.2	1320.9	1160.6	1048.5	955.0	877.6	813.9	757.7
22.5°	3344.9	2672.6	2122.9	1728.8	1470.6	1271.1	1119.6	1006.9	912.6	838.0	777.0
20°	4452.2	3298.0	2553.5	2012.8	1638.5	1377.1	1193.8	1061.1	952.1	863.1	793.8
17.5°	5766.4	4165.2	3024.8	2303.2	1835.1	1512.9	1279.7	1111.0	988.0	884.9	807.4
15°	7167.0	5147.8	3683.3	2690.9	2036.0	1629.4	1351.2	1155.2	1022.2	909.1	824.4
12.5°	8955.7	6207.2	4260.9	3014.4	2233.6	1756.0	1434.3	1211.2	1055.8	935.0	842.1
10°	10647.8	7312.1	4963.9	3440.6	2474.0	1880.4	1508.1	1254.3	1081.8	955.7	856.5
7.5°	12246.5	8374.4	5571.6	3764.9	2659.7	1979.3	1562.7	1285.4	1100.3	970.1	867.4
5°	13418.1	9165.0	6047.3	4015.2	2791.0	2051.0	1598.2	1304.7	1111.3	978.6	874.9
2.5°	14309.5	9688.8	6336.7	4161.9	2866.0	2093.4	1619.4	1319.5	1122.0	985.4	883.2
0°	14718.9	9891.0	6433.3	4239.8	2910.9	2105.2	1628.9	1329.0	1129.1	987.9	888.0
-2.5°	14309.5	9688.8	6336.7	4161.9	2866.0	2093.4	1619.4	1319.5	1122.0	985.4	883.2
-5°	13418.1	9165.0	6047.3	4015.2	2791.0	2051.0	1598.2	1304.7	1111.3	978.6	874.9
-7.5°	12246.5	8374.4	5571.6	3764.9	2659.7	1979.3	1562.7	1285.4	1100.3	970.1	867.4
-10°	10647.8	7312.1	4963.9	3440.6	2474.0	1880.4	1508.1	1254.3	1081.8	955.7	856.5
-12.5°	8955.7	6207.2	4260.9	3014.4	2233.6	1756.0	1434.3	1211.2	1055.8	935.0	842.1
-15°	7167.0	5147.8	3683.3	2690.9	2036.0	1629.4	1351.2	1155.2	1022.2	909.1	824.4
-17.5°	5766.4	4165.2	3024.8	2303.2	1835.1	1512.9	1279.7	1111.0	988.0	884.9	807.4
-20°	4452.2	3298.0	2553.5	2012.8	1638.5	1377.1	1193.8	1061.1	952.1	863.1	793.8

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Scaled Data Report



REPORT NUMBER: P627629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	3344.9	2672.6	2122.9	1728.8	1470.6	1271.1	1119.6	1006.9	912.6	838.0	777.0
-25°	2592.2	2148.2	1790.1	1530.2	1320.9	1160.6	1048.5	955.0	877.6	813.9	757.7
-27.5°	2043.1	1750.5	1544.1	1345.0	1191.2	1078.4	983.1	902.5	839.2	786.3	739.6
-30°	1655.7	1485.5	1332.8	1197.6	1092.3	999.1	920.2	858.8	804.9	757.7	717.0
-32.5°	1385.4	1281.7	1170.7	1085.5	1002.0	929.8	869.4	816.2	770.9	731.6	696.9
-35°	1201.7	1128.4	1055.2	989.0	925.6	870.6	820.0	778.3	740.5	705.8	676.9
-37.5°	1065.6	1012.0	960.9	907.7	860.9	816.2	778.3	743.4	710.3	683.5	656.0
-40°	959.4	918.3	881.0	839.9	804.9	770.9	740.5	710.2	684.8	660.3	634.1
-42.5°	873.0	842.5	814.2	786.3	757.7	731.6	705.1	681.0	658.0	635.4	611.7
-45°	802.4	782.2	760.5	740.0	717.0	695.4	672.1	651.4	631.1	609.9	587.9
-47.5°	746.8	731.9	715.4	700.2	682.5	662.6	642.3	622.5	603.6	584.0	566.1
-50°	700.3	690.1	678.6	666.0	649.9	631.8	612.8	593.1	575.8	559.1	541.4
-52.5°	662.8	654.6	644.4	632.1	617.3	600.5	582.9	564.5	547.7	531.3	512.6
-55°	630.2	621.9	611.3	598.8	584.9	570.6	554.4	535.9	517.9	502.0	481.2
-57.5°	596.7	588.9	577.0	565.9	555.8	540.2	522.6	505.3	488.4	471.1	448.5
-60°	554.2	547.5	537.6	527.3	516.8	503.6	486.3	471.1	458.0	432.9	406.6
-62.5°	504.8	499.4	490.6	480.1	469.2	457.4	443.9	427.3	407.8	385.6	363.7
-65°	449.4	441.4	433.8	426.5	418.2	408.9	394.4	377.5	359.4	340.3	320.4
-67.5°	393.7	386.6	380.5	374.6	367.0	357.3	343.3	327.9	311.2	292.2	274.5
-70°	341.7	336.3	330.5	323.6	315.2	305.8	293.5	278.6	261.7	245.2	232.8
-72.5°	292.1	287.6	282.0	274.9	266.7	256.8	244.4	231.3	218.6	206.6	195.2
-75°	242.5	238.9	233.7	225.3	215.6	204.5	194.4	186.1	177.4	168.2	158.5
-77.5°	191.0	187.8	183.3	175.5	167.4	159.3	151.5	144.9	138.4	131.6	124.5
-80°	137.9	135.8	132.8	127.9	122.9	117.8	112.7	107.9	102.7	97.3	91.6
-82.5°	92.5	90.5	88.4	86.0	83.4	80.6	77.5	73.3	68.8	63.8	58.6
-85°	54.5	53.4	52.2	50.8	49.3	47.7	46.0	43.3	40.7	38.1	35.7
-87.5°	22.1	21.7	21.3	20.8	20.3	19.8	19.2	18.6	18.0	17.3	16.6
-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: P627629 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	15.9	15.1	14.3	13.5	12.6	11.7	10.8	9.9	9.0	8.0	7.1
85°	34.3	32.7	30.8	28.7	26.1	23.5	21.7	19.8	18.0	16.1	14.1
82.5°	55.6	53.6	51.5	48.8	45.0	41.0	37.0	32.9	28.6	24.3	21.1
80°	86.2	80.8	75.7	70.6	64.6	58.5	53.1	47.6	42.0	36.3	30.5
77.5°	117.1	109.3	101.3	93.9	86.5	78.8	70.9	62.9	55.3	48.1	40.9
75°	148.5	139.0	129.4	119.5	109.3	98.9	89.5	79.9	70.1	60.1	51.2
72.5°	183.4	171.2	158.6	145.7	133.8	121.6	109.0	96.7	85.3	73.7	61.9
70°	219.8	204.8	189.7	175.3	160.0	144.1	129.8	115.2	100.4	87.1	73.7
67.5°	258.1	242.7	224.9	205.7	188.5	170.5	151.2	134.0	117.3	100.4	85.3
65°	300.0	280.7	262.2	240.1	218.3	197.4	176.4	153.6	134.0	115.2	96.7
62.5°	340.9	317.7	295.5	272.8	249.0	224.9	201.2	175.7	151.0	129.8	109.0
60°	381.4	355.7	328.1	302.3	277.5	252.1	225.2	197.2	170.0	144.1	121.6
57.5°	419.9	392.9	361.8	331.5	303.6	277.1	248.3	217.9	188.3	159.8	133.7
55°	455.8	425.7	393.4	360.4	329.1	300.0	270.1	237.9	206.1	175.3	145.4
52.5°	488.8	457.3	422.9	387.9	353.7	322.0	290.5	257.0	223.1	190.2	158.0
50°	519.6	488.7	452.1	414.6	377.1	343.6	310.5	275.4	239.4	204.5	170.4
47.5°	546.2	516.9	481.5	440.9	401.0	364.9	330.2	293.4	254.9	218.1	182.3
45°	567.9	543.1	508.9	468.2	425.3	387.1	349.5	311.0	270.7	231.3	193.8
42.5°	588.1	564.9	534.2	494.8	450.3	408.9	368.3	328.2	286.1	243.8	204.7
40°	608.7	584.1	557.6	517.9	473.7	429.8	387.3	344.8	300.9	256.2	215.2
37.5°	627.9	602.4	575.5	539.4	494.7	449.5	405.5	360.9	314.8	268.5	225.1
35°	647.4	618.8	591.0	556.3	513.1	467.4	422.8	376.5	327.9	279.9	234.4
32.5°	666.0	634.1	604.0	570.1	529.8	483.5	438.3	389.9	340.1	290.5	243.2
30°	683.0	648.3	616.5	583.4	544.0	497.6	451.3	402.2	351.4	300.1	251.4
27.5°	696.6	660.1	628.5	594.8	555.4	510.3	462.8	413.2	361.9	309.0	259.2
25°	710.2	671.1	638.0	605.2	566.1	523.0	473.5	422.9	371.1	317.4	266.3
22.5°	725.2	681.2	645.5	615.1	577.0	535.3	483.6	431.4	379.0	325.0	272.5
20°	738.5	690.1	651.1	622.9	585.7	544.5	493.2	439.1	385.9	331.7	278.0
17.5°	750.2	699.5	658.5	627.5	592.5	552.4	502.1	445.8	391.6	337.5	282.7
15°	762.4	709.3	665.0	631.2	598.0	559.0	510.2	451.7	396.3	342.5	286.8
12.5°	773.3	717.4	670.3	634.1	602.2	564.3	517.3	456.6	399.9	346.6	290.6
10°	782.3	723.6	674.2	636.1	605.2	568.4	523.4	461.2	403.8	349.8	293.9
7.5°	789.4	727.9	676.8	637.2	607.2	571.6	528.6	466.7	407.1	352.0	296.4
5°	794.5	731.3	680.7	640.9	609.6	574.2	532.3	471.0	409.6	353.2	298.3
2.5°	798.4	734.2	685.1	644.3	611.1	575.8	534.4	474.3	411.1	353.4	299.5
0°	799.7	735.1	688.0	646.9	611.6	576.3	535.1	476.3	411.6	352.8	299.9
-2.5°	798.4	734.2	685.1	644.3	611.1	575.8	534.4	474.3	411.1	353.4	299.5
-5°	794.5	731.3	680.7	640.9	609.6	574.2	532.3	471.0	409.6	353.2	298.3
-7.5°	789.4	727.9	676.8	637.2	607.2	571.6	528.6	466.7	407.1	352.0	296.4
-10°	782.3	723.6	674.2	636.1	605.2	568.4	523.4	461.2	403.8	349.8	293.9
-12.5°	773.3	717.4	670.3	634.1	602.2	564.3	517.3	456.6	399.9	346.6	290.6
-15°	762.4	709.3	665.0	631.2	598.0	559.0	510.2	451.7	396.3	342.5	286.8
-17.5°	750.2	699.5	658.5	627.5	592.5	552.4	502.1	445.8	391.6	337.5	282.7
-20°	738.5	690.1	651.1	622.9	585.7	544.5	493.2	439.1	385.9	331.7	278.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	725.2	681.2	645.5	615.1	577.0	535.3	483.6	431.4	379.0	325.0	272.5
-25°	710.2	671.1	638.0	605.2	566.1	523.0	473.5	422.9	371.1	317.4	266.3
-27.5°	696.6	660.1	628.5	594.8	555.4	510.3	462.8	413.2	361.9	309.0	259.2
-30°	683.0	648.3	616.5	583.4	544.0	497.6	451.3	402.2	351.4	300.1	251.4
-32.5°	666.0	634.1	604.0	570.1	529.8	483.5	438.3	389.9	340.1	290.5	243.2
-35°	647.4	618.8	591.0	556.3	513.1	467.4	422.8	376.5	327.9	279.9	234.4
-37.5°	627.9	602.4	575.5	539.4	494.7	449.5	405.5	360.9	314.8	268.5	225.1
-40°	608.7	584.1	557.6	517.9	473.7	429.8	387.3	344.8	300.9	256.2	215.2
-42.5°	588.1	564.9	534.2	494.8	450.3	408.9	368.3	328.2	286.1	243.8	204.7
-45°	567.9	543.1	508.9	468.2	425.3	387.1	349.5	311.0	270.7	231.3	193.8
-47.5°	546.2	516.9	481.5	440.9	401.0	364.9	330.2	293.4	254.9	218.1	182.3
-50°	519.6	488.7	452.1	414.6	377.1	343.6	310.5	275.4	239.4	204.5	170.4
-52.5°	488.8	457.3	422.9	387.9	353.7	322.0	290.5	257.0	223.1	190.2	158.0
-55°	455.8	425.7	393.4	360.4	329.1	300.0	270.1	237.9	206.1	175.3	145.4
-57.5°	419.9	392.9	361.8	331.5	303.6	277.1	248.3	217.9	188.3	159.8	133.7
-60°	381.4	355.7	328.1	302.3	277.5	252.1	225.2	197.2	170.0	144.1	121.6
-62.5°	340.9	317.7	295.5	272.8	249.0	224.9	201.2	175.7	151.0	129.8	109.0
-65°	300.0	280.7	262.2	240.1	218.3	197.4	176.4	153.6	134.0	115.2	96.7
-67.5°	258.1	242.7	224.9	205.7	188.5	170.5	151.2	134.0	117.3	100.4	85.3
-70°	219.8	204.8	189.7	175.3	160.0	144.1	129.8	115.2	100.4	87.1	73.7
-72.5°	183.4	171.2	158.6	145.7	133.8	121.6	109.0	96.7	85.3	73.7	61.9
-75°	148.5	139.0	129.4	119.5	109.3	98.9	89.5	79.9	70.1	60.1	51.2
-77.5°	117.1	109.3	101.3	93.9	86.5	78.8	70.9	62.9	55.3	48.1	40.9
-80°	86.2	80.8	75.7	70.6	64.6	58.5	53.1	47.6	42.0	36.3	30.5
-82.5°	55.6	53.6	51.5	48.8	45.0	41.0	37.0	32.9	28.6	24.3	21.1
-85°	34.3	32.7	30.8	28.7	26.1	23.5	21.7	19.8	18.0	16.1	14.1
-87.5°	15.9	15.1	14.3	13.5	12.6	11.7	10.8	9.9	9.0	8.0	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	6.1	5.1	4.1	3.1	2.0	0.9	0.0
85°	12.2	10.2	8.2	6.1	4.1	1.8	0.0
82.5°	18.2	15.2	12.2	9.2	6.1	2.7	0.0
80°	24.6	20.2	16.2	12.2	8.1	3.6	0.0
77.5°	33.5	26.0	20.2	15.2	10.1	4.4	0.0
75°	42.3	33.1	24.5	18.2	12.0	5.3	0.0
72.5°	50.9	40.0	29.8	21.1	14.0	6.1	0.0
70°	59.6	46.8	35.1	24.2	15.8	7.0	0.0
67.5°	69.4	53.5	40.2	27.9	17.6	7.8	0.0
65°	79.1	60.7	45.2	31.6	19.4	8.6	0.0
62.5°	88.6	68.6	50.1	35.1	21.1	9.3	0.0
60°	97.8	76.3	54.8	38.5	22.7	10.1	0.0
57.5°	107.9	83.9	60.8	41.9	24.8	10.8	0.0
55°	118.0	91.1	66.6	45.1	26.9	11.5	0.0
52.5°	127.7	98.4	72.3	48.2	28.9	12.1	0.0
50°	137.0	106.2	77.7	51.1	30.9	12.8	0.0
47.5°	146.2	113.7	82.9	54.2	32.8	13.4	0.0
45°	156.0	120.9	88.0	58.0	34.6	13.9	0.0
42.5°	165.4	127.8	92.8	61.6	36.4	14.4	0.0
40°	174.3	134.4	97.7	65.1	38.1	14.9	0.0
37.5°	182.8	140.6	102.6	68.5	39.8	15.4	0.0
35°	190.8	146.9	107.3	71.7	41.3	15.8	0.0
32.5°	198.2	153.1	111.7	74.7	42.8	16.2	0.0
30°	205.2	158.9	115.7	77.5	44.2	16.5	0.0
27.5°	211.6	164.2	119.7	80.1	45.5	16.8	0.0
25°	217.5	169.1	123.3	82.5	46.7	17.1	0.0
22.5°	222.8	173.5	126.7	84.6	47.9	17.3	0.0
20°	227.6	177.3	129.7	86.6	48.9	17.5	0.0
17.5°	231.5	180.6	132.3	88.3	49.8	17.6	0.0
15°	234.7	183.3	134.6	89.9	50.6	17.7	0.0
12.5°	237.3	185.4	136.6	91.2	51.3	17.8	0.0
10°	239.3	187.0	138.2	92.2	51.9	17.8	0.0
7.5°	240.7	188.0	139.5	93.0	52.3	17.8	0.0
5°	241.4	188.6	140.4	93.6	52.6	17.8	0.0
2.5°	241.6	188.6	140.9	94.0	52.8	17.7	0.0
0°	241.1	188.2	141.1	94.1	52.9	17.6	0.0
-2.5°	241.6	188.6	140.9	94.0	52.8	17.7	0.0
-5°	241.4	188.6	140.4	93.6	52.6	17.8	0.0
-7.5°	240.7	188.0	139.5	93.0	52.3	17.8	0.0
-10°	239.3	187.0	138.2	92.2	51.9	17.8	0.0
-12.5°	237.3	185.4	136.6	91.2	51.3	17.8	0.0
-15°	234.7	183.3	134.6	89.9	50.6	17.7	0.0
-17.5°	231.5	180.6	132.3	88.3	49.8	17.6	0.0
-20°	227.6	177.3	129.7	86.6	48.9	17.5	0.0

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REPORT NUMBER: P627629 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	222.8	173.5	126.7	84.6	47.9	17.3	0.0
-25°	217.5	169.1	123.3	82.5	46.7	17.1	0.0
-27.5°	211.6	164.2	119.7	80.1	45.5	16.8	0.0
-30°	205.2	158.9	115.7	77.5	44.2	16.5	0.0
-32.5°	198.2	153.1	111.7	74.7	42.8	16.2	0.0
-35°	190.8	146.9	107.3	71.7	41.3	15.8	0.0
-37.5°	182.8	140.6	102.6	68.5	39.8	15.4	0.0
-40°	174.3	134.4	97.7	65.1	38.1	14.9	0.0
-42.5°	165.4	127.8	92.8	61.6	36.4	14.4	0.0
-45°	156.0	120.9	88.0	58.0	34.6	13.9	0.0
-47.5°	146.2	113.7	82.9	54.2	32.8	13.4	0.0
-50°	137.0	106.2	77.7	51.1	30.9	12.8	0.0
-52.5°	127.7	98.4	72.3	48.2	28.9	12.1	0.0
-55°	118.0	91.1	66.6	45.1	26.9	11.5	0.0
-57.5°	107.9	83.9	60.8	41.9	24.8	10.8	0.0
-60°	97.8	76.3	54.8	38.5	22.7	10.1	0.0
-62.5°	88.6	68.6	50.1	35.1	21.1	9.3	0.0
-65°	79.1	60.7	45.2	31.6	19.4	8.6	0.0
-67.5°	69.4	53.5	40.2	27.9	17.6	7.8	0.0
-70°	59.6	46.8	35.1	24.2	15.8	7.0	0.0
-72.5°	50.9	40.0	29.8	21.1	14.0	6.1	0.0
-75°	42.3	33.1	24.5	18.2	12.0	5.3	0.0
-77.5°	33.5	26.0	20.2	15.2	10.1	4.4	0.0
-80°	24.6	20.2	16.2	12.2	8.1	3.6	0.0
-82.5°	18.2	15.2	12.2	9.2	6.1	2.7	0.0
-85°	12.2	10.2	8.2	6.1	4.1	1.8	0.0
-87.5°	6.1	5.1	4.1	3.1	2.0	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)