

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: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
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-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N115
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

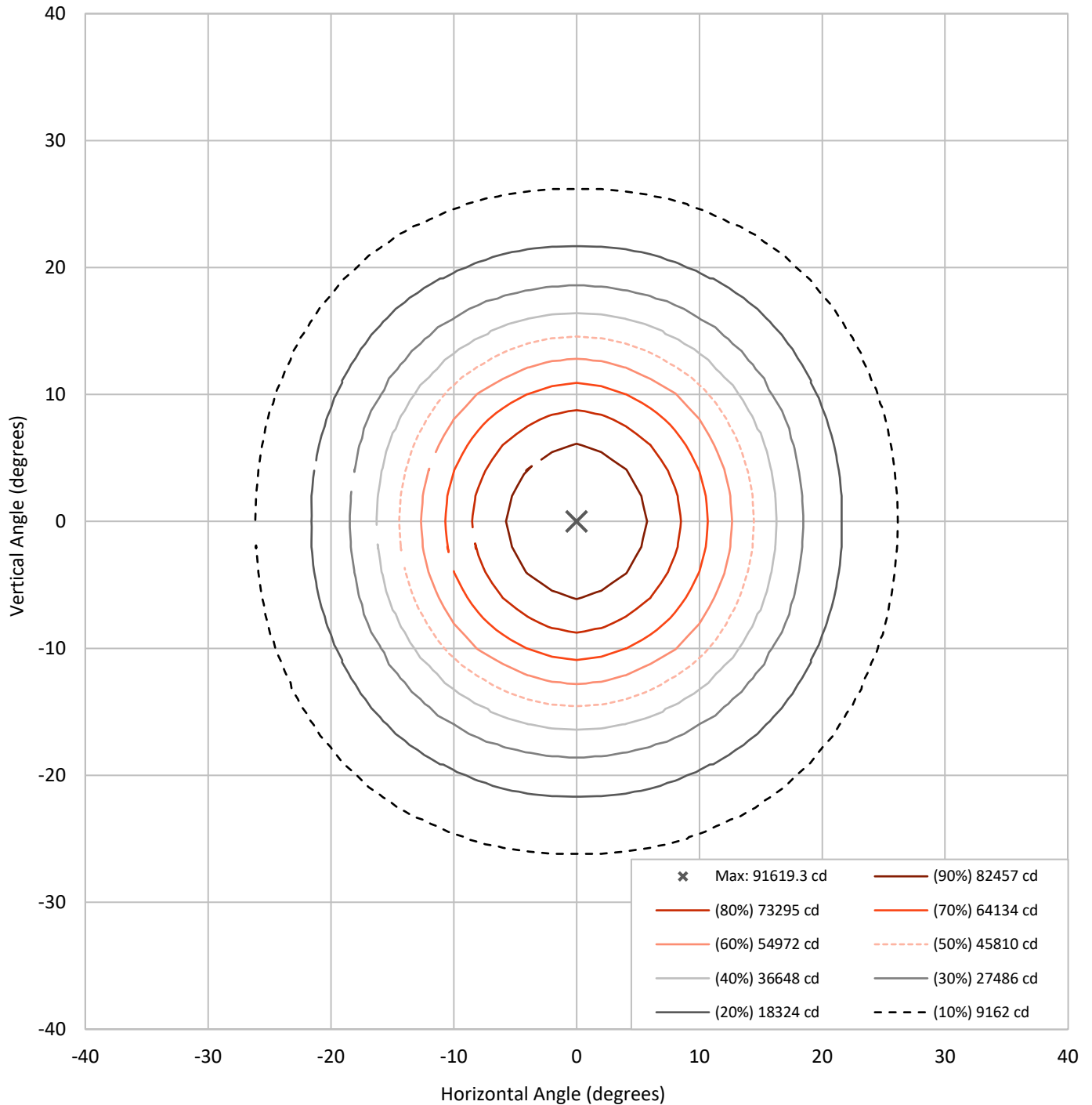
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	28625 lumens	Max Intensity:	91619.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	13917.1 lumens	Field Lumens:	23486.4 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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





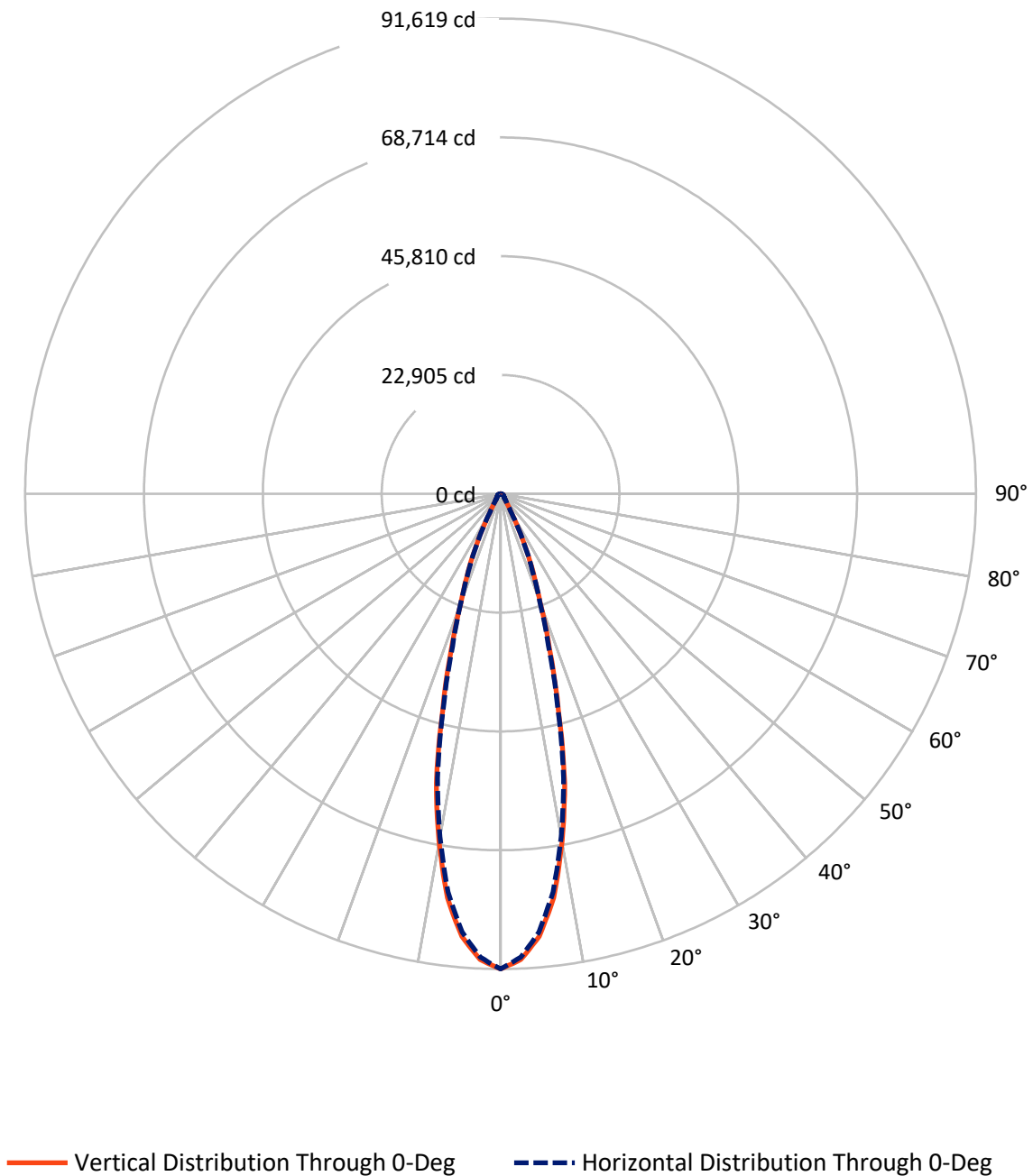
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Lumen Table

90																			
80	0.5	4.7		12.4		19.6		21.8		19.6		12.4		4.7		0.5			
70																			
60	2.1	2.5	5.0	8.1	11.3	13.9	15.5	16.3	16.3	15.5	13.9	11.3	8.1	5.0	2.5	2.1			
50		3.7	7.4	11.9	16.0	19.7	22.1	22.9	22.9	22.1	19.7	16.0	11.9	7.4	3.7				
40	3.8	4.7	9.5	14.7	19.6	24.8	29.1	31.3	31.3	29.1	24.8	19.6	14.7	9.5	4.7	3.8			
30		5.5	11.1	17.0	24.0	34.3	49.6	64.5	64.5	49.6	34.3	24.0	17.0	11.1	5.5				
20	4.8	6.2	12.2	19.1	30.8	66.9	188.4	334.2	334.2	188.4	66.9	30.8	19.1	12.2	6.2	4.8			
10		6.7	12.8	20.8	41.9	175.7	626.2	1199.9	1199.9	626.2	175.7	41.9	20.8	12.8	6.7				
0	5.2	6.9	13.0	21.9	53.3	303.3	1159.0	2279.7	2279.7	1159.0	303.3	53.3	21.9	13.0	6.9	5.2			
-10		6.9	13.0	21.9	53.3	303.3	1159.0	2279.7	2279.7	1159.0	303.3	53.3	21.9	13.0	6.9				
-20	4.8	6.7	12.8	20.8	41.9	175.7	626.2	1199.9	1199.9	626.2	175.7	41.9	20.8	12.8	6.7	4.8			
-30		6.2	12.2	19.1	30.8	66.9	188.4	334.2	334.2	188.4	66.9	30.8	19.1	12.2	6.2				
-40	3.8	5.5	11.1	17.0	24.0	34.3	49.6	64.5	64.5	49.6	34.3	24.0	17.0	11.1	5.5	3.8			
-50		4.7	9.5	14.7	19.6	24.8	29.1	31.3	31.3	29.1	24.8	19.6	14.7	9.5	4.7				
-60	2.1	3.7	7.4	11.9	16.0	19.7	22.1	22.9	22.9	22.1	19.7	16.0	11.9	7.4	3.7	2.1			
-70		2.5	5.0	8.1	11.3	13.9	15.5	16.3	16.3	15.5	13.9	11.3	8.1	5.0	2.5				
-80																			
-90	0.5	4.7		12.4		19.6		21.8		19.6		12.4		4.7		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

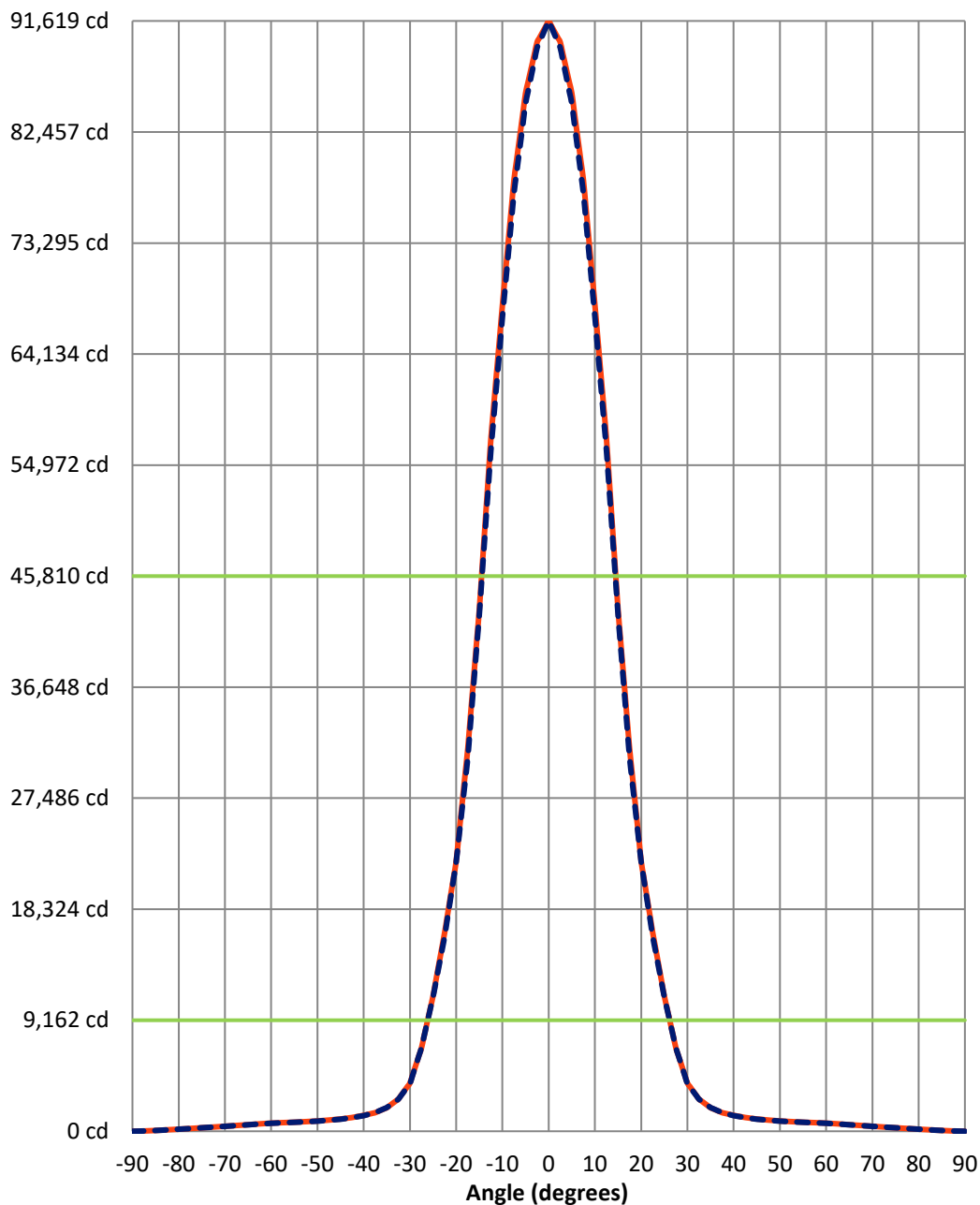
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 13917.1
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 23486.4
 Efficiency: 82.0%

Spill:
 Lumens: 5138.6
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.0	2.0	3.1	4.1	5.1	6.1	7.1	8.0	9.0	9.9
85°	0.0	2.0	4.1	6.1	8.2	10.2	12.2	14.1	16.1	18.0	19.8
82.5°	0.0	3.1	6.1	9.2	12.2	15.2	18.2	21.1	24.5	30.1	35.9
80°	0.0	4.1	8.2	12.2	16.2	20.2	24.8	31.9	39.4	47.3	55.6
77.5°	0.0	5.1	10.2	15.2	20.2	26.5	35.2	44.4	54.1	64.3	75.5
75°	0.0	6.1	12.2	18.2	24.8	35.2	45.6	56.8	68.9	83.2	97.2
72.5°	0.0	7.1	14.1	21.1	31.6	43.8	55.9	69.7	86.3	102.6	118.7
70°	0.0	8.0	16.1	24.5	38.4	52.3	66.4	84.7	103.3	121.8	141.8
67.5°	0.0	9.0	18.0	29.5	45.1	60.6	79.2	99.5	120.2	142.8	165.0
65°	0.0	9.9	19.8	34.4	51.7	70.0	91.8	114.0	138.6	163.4	188.4
62.5°	0.0	10.8	21.7	39.2	58.1	80.3	104.1	129.3	156.6	183.9	212.5
60°	0.0	11.7	23.5	44.0	64.4	90.4	116.2	144.7	174.3	204.6	235.9
57.5°	0.0	12.6	26.5	48.6	72.2	100.2	128.9	159.8	191.8	224.7	259.0
55°	0.0	13.5	29.5	53.1	79.9	109.8	141.4	174.5	208.7	244.3	281.7
52.5°	0.0	14.3	32.4	57.4	87.3	119.2	153.3	188.7	225.0	264.1	303.8
50°	0.0	15.1	35.2	61.6	94.5	128.7	164.8	202.5	241.1	283.3	324.2
47.5°	0.0	15.9	37.9	65.9	101.5	137.7	175.8	215.8	257.5	301.8	343.5
45°	0.0	16.6	40.5	71.0	108.1	146.4	186.7	228.5	273.4	318.1	361.7
42.5°	0.0	17.3	43.0	75.8	114.5	154.6	197.2	241.3	288.4	333.5	378.5
40°	0.0	18.0	45.4	80.3	120.7	162.3	207.1	253.6	302.2	347.9	394.4
37.5°	0.0	18.6	47.6	84.5	126.6	169.6	216.5	265.2	314.5	361.8	409.4
35°	0.0	19.2	49.8	88.4	132.1	176.8	225.5	276.0	326.0	374.9	423.5
32.5°	0.0	19.8	51.8	92.0	137.2	183.8	233.9	286.0	336.8	387.1	437.2
30°	0.0	20.3	53.6	95.4	141.9	190.2	241.9	295.1	346.9	398.5	449.9
27.5°	0.0	20.8	55.4	98.4	146.2	196.2	249.1	303.1	356.1	408.9	461.6
25°	0.0	21.3	57.0	101.1	150.2	201.6	255.7	310.4	364.5	418.5	472.4
22.5°	0.0	21.7	58.4	103.5	153.8	206.6	261.6	317.0	372.1	427.1	483.1
20°	0.0	22.1	59.7	105.6	157.2	210.8	266.7	322.8	378.8	434.7	492.6
17.5°	0.0	22.4	60.9	107.4	160.2	214.5	271.4	327.9	384.6	441.3	501.0
15°	0.0	22.7	61.9	108.9	162.8	217.5	275.7	332.5	389.6	447.0	508.0
12.5°	0.0	22.9	62.7	110.1	165.1	220.0	279.4	336.9	394.2	451.5	513.8
10°	0.0	23.1	63.4	111.0	167.0	221.8	282.5	340.5	398.4	457.0	519.2
7.5°	0.0	23.3	64.0	111.6	168.5	223.1	284.9	343.4	401.6	461.9	525.2
5°	0.0	23.4	64.4	111.9	169.6	223.8	286.7	345.4	403.9	465.8	529.8
2.5°	0.0	23.5	64.6	112.0	170.3	223.9	287.8	346.6	405.3	468.7	533.2
0°	0.0	23.5	64.7	111.7	170.5	223.5	288.2	347.0	405.8	470.5	535.2
-2.5°	0.0	23.5	64.6	112.0	170.3	223.9	287.8	346.6	405.3	468.7	533.2
-5°	0.0	23.4	64.4	111.9	169.6	223.8	286.7	345.4	403.9	465.8	529.8
-7.5°	0.0	23.3	64.0	111.6	168.5	223.1	284.9	343.4	401.6	461.9	525.2
-10°	0.0	23.1	63.4	111.0	167.0	221.8	282.5	340.5	398.4	457.0	519.2
-12.5°	0.0	22.9	62.7	110.1	165.1	220.0	279.4	336.9	394.2	451.5	513.8
-15°	0.0	22.7	61.9	108.9	162.8	217.5	275.7	332.5	389.6	447.0	508.0
-17.5°	0.0	22.4	60.9	107.4	160.2	214.5	271.4	327.9	384.6	441.3	501.0
-20°	0.0	22.1	59.7	105.6	157.2	210.8	266.7	322.8	378.8	434.7	492.6

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	21.7	58.4	103.5	153.8	206.6	261.6	317.0	372.1	427.1	483.1
-25°	0.0	21.3	57.0	101.1	150.2	201.6	255.7	310.4	364.5	418.5	472.4
-27.5°	0.0	20.8	55.4	98.4	146.2	196.2	249.1	303.1	356.1	408.9	461.6
-30°	0.0	20.3	53.6	95.4	141.9	190.2	241.9	295.1	346.9	398.5	449.9
-32.5°	0.0	19.8	51.8	92.0	137.2	183.8	233.9	286.0	336.8	387.1	437.2
-35°	0.0	19.2	49.8	88.4	132.1	176.8	225.5	276.0	326.0	374.9	423.5
-37.5°	0.0	18.6	47.6	84.5	126.6	169.6	216.5	265.2	314.5	361.8	409.4
-40°	0.0	18.0	45.4	80.3	120.7	162.3	207.1	253.6	302.2	347.9	394.4
-42.5°	0.0	17.3	43.0	75.8	114.5	154.6	197.2	241.3	288.4	333.5	378.5
-45°	0.0	16.6	40.5	71.0	108.1	146.4	186.7	228.5	273.4	318.1	361.7
-47.5°	0.0	15.9	37.9	65.9	101.5	137.7	175.8	215.8	257.5	301.8	343.5
-50°	0.0	15.1	35.2	61.6	94.5	128.7	164.8	202.5	241.1	283.3	324.2
-52.5°	0.0	14.3	32.4	57.4	87.3	119.2	153.3	188.7	225.0	264.1	303.8
-55°	0.0	13.5	29.5	53.1	79.9	109.8	141.4	174.5	208.7	244.3	281.7
-57.5°	0.0	12.6	26.5	48.6	72.2	100.2	128.9	159.8	191.8	224.7	259.0
-60°	0.0	11.7	23.5	44.0	64.4	90.4	116.2	144.7	174.3	204.6	235.9
-62.5°	0.0	10.8	21.7	39.2	58.1	80.3	104.1	129.3	156.6	183.9	212.5
-65°	0.0	9.9	19.8	34.4	51.7	70.0	91.8	114.0	138.6	163.4	188.4
-67.5°	0.0	9.0	18.0	29.5	45.1	60.6	79.2	99.5	120.2	142.8	165.0
-70°	0.0	8.0	16.1	24.5	38.4	52.3	66.4	84.7	103.3	121.8	141.8
-72.5°	0.0	7.1	14.1	21.1	31.6	43.8	55.9	69.7	86.3	102.6	118.7
-75°	0.0	6.1	12.2	18.2	24.8	35.2	45.6	56.8	68.9	83.2	97.2
-77.5°	0.0	5.1	10.2	15.2	20.2	26.5	35.2	44.4	54.1	64.3	75.5
-80°	0.0	4.1	8.2	12.2	16.2	20.2	24.8	31.9	39.4	47.3	55.6
-82.5°	0.0	3.1	6.1	9.2	12.2	15.2	18.2	21.1	24.5	30.1	35.9
-85°	0.0	2.0	4.1	6.1	8.2	10.2	12.2	14.1	16.1	18.0	19.8
-87.5°	0.0	1.0	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	27.0	30.4	33.7	36.9	40.0	43.0	45.8	48.5	51.1
82.5°	41.5	46.9	52.2	57.3	62.3	67.1	71.7	76.2	80.4	84.5	88.3
80°	63.0	70.2	77.5	84.1	90.7	97.1	103.3	109.2	114.9	121.0	127.4
77.5°	85.8	95.0	103.4	111.0	119.3	129.3	139.0	148.3	157.2	165.7	173.8
75°	109.3	119.8	131.2	142.5	154.4	166.4	178.1	189.4	200.3	211.5	222.7
72.5°	134.0	148.2	162.1	175.5	190.4	205.0	218.5	230.7	244.5	259.8	273.7
70°	160.2	176.6	194.1	211.4	228.2	244.5	261.1	277.9	294.7	311.1	326.8
67.5°	186.5	207.2	227.3	247.0	266.1	285.6	305.3	325.6	345.0	363.6	381.7
65°	214.6	237.7	260.2	282.2	303.5	327.3	350.7	373.2	397.9	420.7	440.6
62.5°	241.9	267.7	292.6	317.5	343.4	369.8	396.8	425.2	454.5	475.6	493.8
60°	268.1	297.3	325.1	353.6	382.5	412.2	443.3	473.5	500.3	523.4	542.5
57.5°	293.7	326.4	357.2	388.2	419.8	453.6	487.8	518.6	543.6	565.8	586.8
55°	318.6	354.7	387.5	420.5	456.4	496.0	531.0	558.9	584.4	602.8	623.0
52.5°	342.2	380.9	415.2	452.1	493.2	534.3	569.2	596.2	617.7	636.8	656.4
50°	364.8	403.7	441.8	483.7	527.1	568.4	603.7	628.5	650.1	669.9	688.8
47.5°	385.2	425.7	468.7	513.6	559.0	599.7	633.5	658.9	681.2	701.6	722.4
45°	404.5	448.0	493.7	542.9	589.4	629.7	660.5	687.8	709.2	732.2	758.2
42.5°	423.0	469.5	519.2	571.5	619.0	655.9	685.7	711.8	736.6	764.2	793.2
40°	441.1	489.6	543.3	598.3	646.6	678.7	708.5	736.1	764.8	796.0	827.6
37.5°	458.1	510.1	565.8	623.2	667.0	700.2	731.1	762.0	794.0	827.6	867.0
35°	473.6	528.9	587.3	642.9	684.9	721.1	754.2	787.7	823.6	864.7	908.1
32.5°	488.8	546.1	607.4	659.5	701.3	739.9	776.5	814.4	855.4	900.7	950.3
30°	503.6	562.9	625.0	676.4	715.8	755.4	798.3	840.4	886.1	936.4	994.7
27.5°	518.0	578.4	639.7	689.7	728.6	768.9	814.9	866.1	916.0	971.1	1038.6
25°	531.2	594.5	654.2	700.3	739.6	781.8	829.8	884.4	943.1	1008.6	1091.2
22.5°	543.7	608.9	667.9	709.3	748.8	793.1	844.8	902.4	966.3	1042.1	1143.1
20°	555.5	620.2	677.1	717.5	756.3	802.2	857.7	918.4	991.3	1083.3	1204.0
17.5°	565.7	629.8	683.4	724.3	764.3	811.4	868.7	931.9	1013.8	1119.5	1262.5
15°	574.5	637.6	688.9	729.5	771.1	821.0	879.9	948.8	1038.5	1155.1	1312.9
12.5°	581.7	643.7	693.4	733.2	776.4	828.1	889.5	965.1	1063.2	1193.8	1381.0
10°	587.3	648.1	697.0	735.6	780.1	832.8	897.0	977.8	1083.2	1226.2	1439.3
7.5°	592.8	652.1	699.6	736.5	782.2	835.1	902.3	986.9	1097.8	1250.6	1485.7
5°	596.8	655.7	701.1	738.7	783.6	836.2	905.8	992.1	1107.0	1266.6	1518.6
2.5°	599.1	658.0	701.1	740.4	783.7	836.6	910.0	995.0	1117.2	1280.1	1537.2
0°	599.9	658.7	699.8	741.0	782.2	835.1	911.5	993.9	1123.3	1287.9	1540.8
-2.5°	599.1	658.0	701.1	740.4	783.7	836.6	910.0	995.0	1117.2	1280.1	1537.2
-5°	596.8	655.7	701.1	738.7	783.6	836.2	905.8	992.1	1107.0	1266.6	1518.6
-7.5°	592.8	652.1	699.6	736.5	782.2	835.1	902.3	986.9	1097.8	1250.6	1485.7
-10°	587.3	648.1	697.0	735.6	780.1	832.8	897.0	977.8	1083.2	1226.2	1439.3
-12.5°	581.7	643.7	693.4	733.2	776.4	828.1	889.5	965.1	1063.2	1193.8	1381.0
-15°	574.5	637.6	688.9	729.5	771.1	821.0	879.9	948.8	1038.5	1155.1	1312.9
-17.5°	565.7	629.8	683.4	724.3	764.3	811.4	868.7	931.9	1013.8	1119.5	1262.5
-20°	555.5	620.2	677.1	717.5	756.3	802.2	857.7	918.4	991.3	1083.3	1204.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	543.7	608.9	667.9	709.3	748.8	793.1	844.8	902.4	966.3	1042.1	1143.1
-25°	531.2	594.5	654.2	700.3	739.6	781.8	829.8	884.4	943.1	1008.6	1091.2
-27.5°	518.0	578.4	639.7	689.7	728.6	768.9	814.9	866.1	916.0	971.1	1038.6
-30°	503.6	562.9	625.0	676.4	715.8	755.4	798.3	840.4	886.1	936.4	994.7
-32.5°	488.8	546.1	607.4	659.5	701.3	739.9	776.5	814.4	855.4	900.7	950.3
-35°	473.6	528.9	587.3	642.9	684.9	721.1	754.2	787.7	823.6	864.7	908.1
-37.5°	458.1	510.1	565.8	623.2	667.0	700.2	731.1	762.0	794.0	827.6	867.0
-40°	441.1	489.6	543.3	598.3	646.6	678.7	708.5	736.1	764.8	796.0	827.6
-42.5°	423.0	469.5	519.2	571.5	619.0	655.9	685.7	711.8	736.6	764.2	793.2
-45°	404.5	448.0	493.7	542.9	589.4	629.7	660.5	687.8	709.2	732.2	758.2
-47.5°	385.2	425.7	468.7	513.6	559.0	599.7	633.5	658.9	681.2	701.6	722.4
-50°	364.8	403.7	441.8	483.7	527.1	568.4	603.7	628.5	650.1	669.9	688.8
-52.5°	342.2	380.9	415.2	452.1	493.2	534.3	569.2	596.2	617.7	636.8	656.4
-55°	318.6	354.7	387.5	420.5	456.4	496.0	531.0	558.9	584.4	602.8	623.0
-57.5°	293.7	326.4	357.2	388.2	419.8	453.6	487.8	518.6	543.6	565.8	586.8
-60°	268.1	297.3	325.1	353.6	382.5	412.2	443.3	473.5	500.3	523.4	542.5
-62.5°	241.9	267.7	292.6	317.5	343.4	369.8	396.8	425.2	454.5	475.6	493.8
-65°	214.6	237.7	260.2	282.2	303.5	327.3	350.7	373.2	397.9	420.7	440.6
-67.5°	186.5	207.2	227.3	247.0	266.1	285.6	305.3	325.6	345.0	363.6	381.7
-70°	160.2	176.6	194.1	211.4	228.2	244.5	261.1	277.9	294.7	311.1	326.8
-72.5°	134.0	148.2	162.1	175.5	190.4	205.0	218.5	230.7	244.5	259.8	273.7
-75°	109.3	119.8	131.2	142.5	154.4	166.4	178.1	189.4	200.3	211.5	222.7
-77.5°	85.8	95.0	103.4	111.0	119.3	129.3	139.0	148.3	157.2	165.7	173.8
-80°	63.0	70.2	77.5	84.1	90.7	97.1	103.3	109.2	114.9	121.0	127.4
-82.5°	41.5	46.9	52.2	57.3	62.3	67.1	71.7	76.2	80.4	84.5	88.3
-85°	21.7	23.5	27.0	30.4	33.7	36.9	40.0	43.0	45.8	48.5	51.1
-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: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-U-MR-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	22.9	23.1
85°	53.5	55.8	58.0	59.9	61.8	62.2	62.3	62.2	61.9	62.7	63.4
82.5°	92.0	96.1	100.3	104.4	108.5	110.0	111.0	111.8	112.2	113.8	115.2
80°	133.5	140.1	146.1	151.5	156.3	159.7	162.8	165.7	168.3	169.5	170.1
77.5°	181.9	189.8	197.2	204.1	210.4	215.4	219.4	222.7	225.2	226.8	227.9
75°	233.9	243.9	252.8	261.1	268.7	274.0	277.7	280.4	282.2	284.2	285.8
72.5°	286.4	297.8	308.4	318.4	327.1	333.2	337.5	341.0	343.6	345.6	346.6
70°	341.7	355.3	367.0	376.9	384.8	390.7	395.3	399.1	401.9	403.9	404.9
67.5°	398.9	413.4	424.4	433.1	440.2	446.4	452.1	456.4	459.2	462.1	465.1
65°	457.2	472.0	483.1	492.4	499.9	507.9	515.3	520.8	524.5	527.8	531.2
62.5°	511.9	528.7	541.6	553.8	566.0	577.6	584.3	589.5	593.2	596.5	600.3
60°	561.7	580.7	596.6	611.2	626.2	641.3	647.5	652.3	656.9	661.2	665.1
57.5°	605.9	626.1	645.4	659.9	674.3	688.3	698.0	703.4	706.9	708.9	710.5
55°	644.4	664.6	683.8	700.6	716.1	730.5	741.3	746.5	750.4	752.9	754.4
52.5°	678.9	700.4	721.0	739.6	756.3	771.9	785.4	792.6	798.4	802.5	803.8
50°	712.7	736.1	758.4	778.2	797.7	816.4	833.5	843.4	850.4	854.7	856.1
47.5°	748.1	773.4	797.5	820.5	842.7	864.8	885.1	898.7	908.7	916.1	921.4
45°	784.9	812.1	838.7	865.9	891.4	919.9	945.7	965.5	980.0	992.7	1002.8
42.5°	821.9	852.5	883.1	918.1	953.0	985.4	1016.0	1042.2	1066.1	1089.5	1107.7
40°	862.1	895.7	937.6	979.0	1022.0	1059.7	1104.4	1144.4	1181.2	1220.8	1253.7
37.5°	906.1	949.3	998.9	1048.6	1104.4	1158.6	1221.0	1282.5	1336.0	1405.5	1461.3
35°	954.1	1008.8	1067.3	1134.0	1206.0	1291.0	1378.4	1480.9	1567.9	1678.3	1780.3
32.5°	1007.5	1071.8	1147.7	1239.3	1336.6	1473.1	1601.1	1774.9	1923.5	2115.1	2324.5
30°	1061.8	1144.9	1248.2	1366.5	1531.0	1724.7	1950.6	2244.4	2562.1	2890.9	3333.5
27.5°	1126.2	1234.0	1363.0	1545.8	1791.8	2060.0	2520.1	3016.9	3709.0	4256.9	5232.9
25°	1195.5	1329.0	1519.5	1784.5	2124.4	2667.1	3443.8	4343.2	5728.1	6960.1	8375.8
22.5°	1277.6	1459.0	1711.2	2058.2	2650.7	3584.4	4796.7	6643.6	8696.8	10723.1	12575.2
20°	1364.6	1583.7	1936.4	2501.5	3417.3	4767.3	6930.3	9569.4	12295.1	15072.1	17412.4
17.5°	1466.2	1763.6	2228.2	2978.8	4285.3	6596.7	9485.8	12841.6	16402.5	19946.1	23024.2
15°	1553.5	1920.9	2546.6	3670.8	5619.1	8510.3	12061.1	16299.3	20777.3	25376.2	30360.5
12.5°	1664.8	2110.5	2874.6	4242.9	6802.6	10560.4	14905.1	19825.7	25294.0	31400.2	39170.7
10°	1766.9	2309.3	3306.1	5159.6	8225.1	12475.4	17361.7	22944.3	30037.1	39213.2	48586.2
7.5°	1848.7	2467.0	3640.7	5874.9	9418.1	14111.3	19573.6	26267.0	35115.8	46042.4	56751.8
5°	1905.7	2576.3	3880.1	6415.4	10377.7	15361.6	21143.4	28716.3	39396.5	51632.4	62567.4
2.5°	1941.5	2636.1	3997.3	6736.3	11003.7	16114.0	22122.7	30272.9	42020.2	55190.8	66262.2
0°	1958.4	2646.4	3922.6	6892.5	11091.5	16060.9	22212.3	30792.6	42642.7	56157.1	67183.9
-2.5°	1941.5	2636.1	3997.3	6736.3	11003.7	16114.0	22122.7	30272.9	42020.2	55190.8	66262.2
-5°	1905.7	2576.3	3880.1	6415.4	10377.7	15361.6	21143.4	28716.3	39396.5	51632.4	62567.4
-7.5°	1848.7	2467.0	3640.7	5874.9	9418.1	14111.3	19573.6	26267.0	35115.8	46042.4	56751.8
-10°	1766.9	2309.3	3306.1	5159.6	8225.1	12475.4	17361.7	22944.3	30037.1	39213.2	48586.2
-12.5°	1664.8	2110.5	2874.6	4242.9	6802.6	10560.4	14905.1	19825.7	25294.0	31400.2	39170.7
-15°	1553.5	1920.9	2546.6	3670.8	5619.1	8510.3	12061.1	16299.3	20777.3	25376.2	30360.5
-17.5°	1466.2	1763.6	2228.2	2978.8	4285.3	6596.7	9485.8	12841.6	16402.5	19946.1	23024.2
-20°	1364.6	1583.7	1936.4	2501.5	3417.3	4767.3	6930.3	9569.4	12295.1	15072.1	17412.4

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1277.6	1459.0	1711.2	2058.2	2650.7	3584.4	4796.7	6643.6	8696.8	10723.1	12575.2
-25°	1195.5	1329.0	1519.5	1784.5	2124.4	2667.1	3443.8	4343.2	5728.1	6960.1	8375.8
-27.5°	1126.2	1234.0	1363.0	1545.8	1791.8	2060.0	2520.1	3016.9	3709.0	4256.9	5232.9
-30°	1061.8	1144.9	1248.2	1366.5	1531.0	1724.7	1950.6	2244.4	2562.1	2890.9	3333.5
-32.5°	1007.5	1071.8	1147.7	1239.3	1336.6	1473.1	1601.1	1774.9	1923.5	2115.1	2324.5
-35°	954.1	1008.8	1067.3	1134.0	1206.0	1291.0	1378.4	1480.9	1567.9	1678.3	1780.3
-37.5°	906.1	949.3	998.9	1048.6	1104.4	1158.6	1221.0	1282.5	1336.0	1405.5	1461.3
-40°	862.1	895.7	937.6	979.0	1022.0	1059.7	1104.4	1144.4	1181.2	1220.8	1253.7
-42.5°	821.9	852.5	883.1	918.1	953.0	985.4	1016.0	1042.2	1066.1	1089.5	1107.7
-45°	784.9	812.1	838.7	865.9	891.4	919.9	945.7	965.5	980.0	992.7	1002.8
-47.5°	748.1	773.4	797.5	820.5	842.7	864.8	885.1	898.7	908.7	916.1	921.4
-50°	712.7	736.1	758.4	778.2	797.7	816.4	833.5	843.4	850.4	854.7	856.1
-52.5°	678.9	700.4	721.0	739.6	756.3	771.9	785.4	792.6	798.4	802.5	803.8
-55°	644.4	664.6	683.8	700.6	716.1	730.5	741.3	746.5	750.4	752.9	754.4
-57.5°	605.9	626.1	645.4	659.9	674.3	688.3	698.0	703.4	706.9	708.9	710.5
-60°	561.7	580.7	596.6	611.2	626.2	641.3	647.5	652.3	656.9	661.2	665.1
-62.5°	511.9	528.7	541.6	553.8	566.0	577.6	584.3	589.5	593.2	596.5	600.3
-65°	457.2	472.0	483.1	492.4	499.9	507.9	515.3	520.8	524.5	527.8	531.2
-67.5°	398.9	413.4	424.4	433.1	440.2	446.4	452.1	456.4	459.2	462.1	465.1
-70°	341.7	355.3	367.0	376.9	384.8	390.7	395.3	399.1	401.9	403.9	404.9
-72.5°	286.4	297.8	308.4	318.4	327.1	333.2	337.5	341.0	343.6	345.6	346.6
-75°	233.9	243.9	252.8	261.1	268.7	274.0	277.7	280.4	282.2	284.2	285.8
-77.5°	181.9	189.8	197.2	204.1	210.4	215.4	219.4	222.7	225.2	226.8	227.9
-80°	133.5	140.1	146.1	151.5	156.3	159.7	162.8	165.7	168.3	169.5	170.1
-82.5°	92.0	96.1	100.3	104.4	108.5	110.0	111.0	111.8	112.2	113.8	115.2
-85°	53.5	55.8	58.0	59.9	61.8	62.2	62.3	62.2	61.9	62.7	63.4
-87.5°	19.2	19.8	20.3	20.8	21.3	21.7	22.1	22.4	22.7	22.9	23.1
-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: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-U-MR-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°	23.3	23.4	23.5	23.5	23.5	23.4	23.3	23.1	22.9	22.7	22.4
85°	64.0	64.4	64.6	64.7	64.6	64.4	64.0	63.4	62.7	61.9	62.2
82.5°	116.2	117.0	117.4	117.6	117.4	117.0	116.2	115.2	113.8	112.2	111.8
80°	170.2	169.7	170.3	170.5	170.3	169.7	170.2	170.1	169.5	168.3	165.7
77.5°	228.4	228.3	229.1	229.4	229.1	228.3	228.4	227.9	226.8	225.2	222.7
75°	286.7	286.9	287.9	288.2	287.9	286.9	286.7	285.8	284.2	282.2	280.4
72.5°	346.6	345.7	346.6	347.0	346.6	345.7	346.6	346.6	345.6	343.6	341.0
70°	405.1	404.3	408.1	411.7	408.1	404.3	405.1	404.9	403.9	401.9	399.1
67.5°	467.2	468.4	472.6	476.4	472.6	468.4	467.2	465.1	462.1	459.2	456.4
65°	532.9	533.2	537.1	541.0	537.1	533.2	532.9	531.2	527.8	524.5	520.8
62.5°	602.6	603.2	607.5	611.6	607.5	603.2	602.6	600.3	596.5	593.2	589.5
60°	667.4	668.1	669.6	670.4	669.6	668.1	667.4	665.1	661.2	656.9	652.3
57.5°	711.0	710.4	711.0	711.6	711.0	710.4	711.0	710.5	708.9	706.9	703.4
55°	754.1	752.2	749.9	746.9	749.9	752.2	754.1	754.4	752.9	750.4	746.5
52.5°	802.7	799.6	796.8	793.9	796.8	799.6	802.7	803.8	802.5	798.4	792.6
50°	855.2	852.4	849.7	846.9	849.7	852.4	855.2	856.1	854.7	850.4	843.4
47.5°	925.1	926.3	925.8	923.3	925.8	926.3	925.1	921.4	916.1	908.7	898.7
45°	1009.9	1013.3	1013.7	1011.5	1013.7	1013.3	1009.9	1002.8	992.7	980.0	965.5
42.5°	1120.6	1128.0	1132.2	1135.0	1132.2	1128.0	1120.6	1107.7	1089.5	1066.1	1042.2
40°	1277.6	1292.8	1302.4	1311.5	1302.4	1292.8	1277.6	1253.7	1220.8	1181.2	1144.4
37.5°	1502.6	1530.2	1542.5	1534.9	1542.5	1530.2	1502.6	1461.3	1405.5	1336.0	1282.5
35°	1858.8	1911.2	1938.5	1940.7	1938.5	1911.2	1858.8	1780.3	1678.3	1567.9	1480.9
32.5°	2479.2	2586.5	2644.1	2652.3	2644.1	2586.5	2479.2	2324.5	2115.1	1923.5	1774.9
30°	3672.3	3891.2	3994.0	3969.6	3994.0	3891.2	3672.3	3333.5	2890.9	2562.1	2244.4
27.5°	5991.5	6537.4	6860.9	6886.6	6860.9	6537.4	5991.5	5232.9	4256.9	3709.0	3016.9
25°	9629.8	10561.6	11158.3	11167.9	11158.3	10561.6	9629.8	8375.8	6960.1	5728.1	4343.2
22.5°	14287.8	15559.9	16256.8	16378.4	16256.8	15559.9	14287.8	12575.2	10723.1	8696.8	6643.6
20°	19684.4	21376.5	22281.8	22282.9	22281.8	21376.5	19684.4	17412.4	15072.1	12295.1	9569.4
17.5°	26330.5	29078.1	30802.9	31545.4	30802.9	29078.1	26330.5	23024.2	19946.1	16402.5	12841.6
15°	35160.0	39777.2	42544.0	43042.6	42544.0	39777.2	35160.0	30360.5	25376.2	20777.3	16299.3
12.5°	45910.9	51754.2	55682.0	57121.6	55682.0	51754.2	45910.9	39170.7	31400.2	25294.0	19825.7
10°	57135.8	62549.9	66757.9	68171.9	66757.9	62549.9	57135.8	48586.2	39213.2	30037.1	22944.3
7.5°	65244.9	71701.0	76440.9	78522.4	76440.9	71701.0	65244.9	56751.8	46042.4	35115.8	26267.0
5°	71646.2	79285.3	83697.7	85656.0	83697.7	79285.3	71646.2	62567.4	51632.4	39396.5	28716.3
2.5°	75846.2	83394.4	88066.9	89872.6	88066.9	83394.4	75846.2	66262.2	55190.8	42020.2	30272.9
0°	77416.8	84797.4	89413.9	91619.3	89413.9	84797.4	77416.8	67183.9	56157.1	42642.7	30792.6
-2.5°	75846.2	83394.4	88066.9	89872.6	88066.9	83394.4	75846.2	66262.2	55190.8	42020.2	30272.9
-5°	71646.2	79285.3	83697.7	85656.0	83697.7	79285.3	71646.2	62567.4	51632.4	39396.5	28716.3
-7.5°	65244.9	71701.0	76440.9	78522.4	76440.9	71701.0	65244.9	56751.8	46042.4	35115.8	26267.0
-10°	57135.8	62549.9	66757.9	68171.9	66757.9	62549.9	57135.8	48586.2	39213.2	30037.1	22944.3
-12.5°	45910.9	51754.2	55682.0	57121.6	55682.0	51754.2	45910.9	39170.7	31400.2	25294.0	19825.7
-15°	35160.0	39777.2	42544.0	43042.6	42544.0	39777.2	35160.0	30360.5	25376.2	20777.3	16299.3
-17.5°	26330.5	29078.1	30802.9	31545.4	30802.9	29078.1	26330.5	23024.2	19946.1	16402.5	12841.6
-20°	19684.4	21376.5	22281.8	22282.9	22281.8	21376.5	19684.4	17412.4	15072.1	12295.1	9569.4



REPORT NUMBER: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14287.8	15559.9	16256.8	16378.4	16256.8	15559.9	14287.8	12575.2	10723.1	8696.8	6643.6
-25°	9629.8	10561.6	11158.3	11167.9	11158.3	10561.6	9629.8	8375.8	6960.1	5728.1	4343.2
-27.5°	5991.5	6537.4	6860.9	6886.6	6860.9	6537.4	5991.5	5232.9	4256.9	3709.0	3016.9
-30°	3672.3	3891.2	3994.0	3969.6	3994.0	3891.2	3672.3	3333.5	2890.9	2562.1	2244.4
-32.5°	2479.2	2586.5	2644.1	2652.3	2644.1	2586.5	2479.2	2324.5	2115.1	1923.5	1774.9
-35°	1858.8	1911.2	1938.5	1940.7	1938.5	1911.2	1858.8	1780.3	1678.3	1567.9	1480.9
-37.5°	1502.6	1530.2	1542.5	1534.9	1542.5	1530.2	1502.6	1461.3	1405.5	1336.0	1282.5
-40°	1277.6	1292.8	1302.4	1311.5	1302.4	1292.8	1277.6	1253.7	1220.8	1181.2	1144.4
-42.5°	1120.6	1128.0	1132.2	1135.0	1132.2	1128.0	1120.6	1107.7	1089.5	1066.1	1042.2
-45°	1009.9	1013.3	1013.7	1011.5	1013.7	1013.3	1009.9	1002.8	992.7	980.0	965.5
-47.5°	925.1	926.3	925.8	923.3	925.8	926.3	925.1	921.4	916.1	908.7	898.7
-50°	855.2	852.4	849.7	846.9	849.7	852.4	855.2	856.1	854.7	850.4	843.4
-52.5°	802.7	799.6	796.8	793.9	796.8	799.6	802.7	803.8	802.5	798.4	792.6
-55°	754.1	752.2	749.9	746.9	749.9	752.2	754.1	754.4	752.9	750.4	746.5
-57.5°	711.0	710.4	711.0	711.6	711.0	710.4	711.0	710.5	708.9	706.9	703.4
-60°	667.4	668.1	669.6	670.4	669.6	668.1	667.4	665.1	661.2	656.9	652.3
-62.5°	602.6	603.2	607.5	611.6	607.5	603.2	602.6	600.3	596.5	593.2	589.5
-65°	532.9	533.2	537.1	541.0	537.1	533.2	532.9	531.2	527.8	524.5	520.8
-67.5°	467.2	468.4	472.6	476.4	472.6	468.4	467.2	465.1	462.1	459.2	456.4
-70°	405.1	404.3	408.1	411.7	408.1	404.3	405.1	404.9	403.9	401.9	399.1
-72.5°	346.6	345.7	346.6	347.0	346.6	345.7	346.6	346.6	345.6	343.6	341.0
-75°	286.7	286.9	287.9	288.2	287.9	286.9	286.7	285.8	284.2	282.2	280.4
-77.5°	228.4	228.3	229.1	229.4	229.1	228.3	228.4	227.9	226.8	225.2	222.7
-80°	170.2	169.7	170.3	170.5	170.3	169.7	170.2	170.1	169.5	168.3	165.7
-82.5°	116.2	117.0	117.4	117.6	117.4	117.0	116.2	115.2	113.8	112.2	111.8
-85°	64.0	64.4	64.6	64.7	64.6	64.4	64.0	63.4	62.7	61.9	62.2
-87.5°	23.3	23.4	23.5	23.5	23.5	23.4	23.3	23.1	22.9	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: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-U-MR-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°	62.3	62.2	61.8	59.9	58.0	55.8	53.5	51.1	48.5	45.8	43.0
82.5°	111.0	110.0	108.5	104.4	100.3	96.1	92.0	88.3	84.5	80.4	76.2
80°	162.8	159.7	156.3	151.5	146.1	140.1	133.5	127.4	121.0	114.9	109.2
77.5°	219.4	215.4	210.4	204.1	197.2	189.8	181.9	173.8	165.7	157.2	148.3
75°	277.7	274.0	268.7	261.1	252.8	243.9	233.9	222.7	211.5	200.3	189.4
72.5°	337.5	333.2	327.1	318.4	308.4	297.8	286.4	273.7	259.8	244.5	230.7
70°	395.3	390.7	384.8	376.9	367.0	355.3	341.7	326.8	311.1	294.7	277.9
67.5°	452.1	446.4	440.2	433.1	424.4	413.4	398.9	381.7	363.6	345.0	325.6
65°	515.3	507.9	499.9	492.4	483.1	472.0	457.2	440.6	420.7	397.9	373.2
62.5°	584.3	577.6	566.0	553.8	541.6	528.7	511.9	493.8	475.6	454.5	425.2
60°	647.5	641.3	626.2	611.2	596.6	580.7	561.7	542.5	523.4	500.3	473.5
57.5°	698.0	688.3	674.3	659.9	645.4	626.1	605.9	586.8	565.8	543.6	518.6
55°	741.3	730.5	716.1	700.6	683.8	664.6	644.4	623.0	602.8	584.4	558.9
52.5°	785.4	771.9	756.3	739.6	721.0	700.4	678.9	656.4	636.8	617.7	596.2
50°	833.5	816.4	797.7	778.2	758.4	736.1	712.7	688.8	669.9	650.1	628.5
47.5°	885.1	864.8	842.7	820.5	797.5	773.4	748.1	722.4	701.6	681.2	658.9
45°	945.7	919.9	891.4	865.9	838.7	812.1	784.9	758.2	732.2	709.2	687.8
42.5°	1016.0	985.4	953.0	918.1	883.1	852.5	821.9	793.2	764.2	736.6	711.8
40°	1104.4	1059.7	1022.0	979.0	937.6	895.7	862.1	827.6	796.0	764.8	736.1
37.5°	1221.0	1158.6	1104.4	1048.6	998.9	949.3	906.1	867.0	827.6	794.0	762.0
35°	1378.4	1291.0	1206.0	1134.0	1067.3	1008.8	954.1	908.1	864.7	823.6	787.7
32.5°	1601.1	1473.1	1336.6	1239.3	1147.7	1071.8	1007.5	950.3	900.7	855.4	814.4
30°	1950.6	1724.7	1531.0	1366.5	1248.2	1144.9	1061.8	994.7	936.4	886.1	840.4
27.5°	2520.1	2060.0	1791.8	1545.8	1363.0	1234.0	1126.2	1038.6	971.1	916.0	866.1
25°	3443.8	2667.1	2124.4	1784.5	1519.5	1329.0	1195.5	1091.2	1008.6	943.1	884.4
22.5°	4796.7	3584.4	2650.7	2058.2	1711.2	1459.0	1277.6	1143.1	1042.1	966.3	902.4
20°	6930.3	4767.3	3417.3	2501.5	1936.4	1583.7	1364.6	1204.0	1083.3	991.3	918.4
17.5°	9485.8	6596.7	4285.3	2978.8	2228.2	1763.6	1466.2	1262.5	1119.5	1013.8	931.9
15°	12061.1	8510.3	5619.1	3670.8	2546.6	1920.9	1553.5	1312.9	1155.1	1038.5	948.8
12.5°	14905.1	10560.4	6802.6	4242.9	2874.6	2110.5	1664.8	1381.0	1193.8	1063.2	965.1
10°	17361.7	12475.4	8225.1	5159.6	3306.1	2309.3	1766.9	1439.3	1226.2	1083.2	977.8
7.5°	19573.6	14111.3	9418.1	5874.9	3640.7	2467.0	1848.7	1485.7	1250.6	1097.8	986.9
5°	21143.4	15361.6	10377.7	6415.4	3880.1	2576.3	1905.7	1518.6	1266.6	1107.0	992.1
2.5°	22122.7	16114.0	11003.7	6736.3	3997.3	2636.1	1941.5	1537.2	1280.1	1117.2	995.0
0°	22212.3	16060.9	11091.5	6892.5	3922.6	2646.4	1958.4	1540.8	1287.9	1123.3	993.9
-2.5°	22122.7	16114.0	11003.7	6736.3	3997.3	2636.1	1941.5	1537.2	1280.1	1117.2	995.0
-5°	21143.4	15361.6	10377.7	6415.4	3880.1	2576.3	1905.7	1518.6	1266.6	1107.0	992.1
-7.5°	19573.6	14111.3	9418.1	5874.9	3640.7	2467.0	1848.7	1485.7	1250.6	1097.8	986.9
-10°	17361.7	12475.4	8225.1	5159.6	3306.1	2309.3	1766.9	1439.3	1226.2	1083.2	977.8
-12.5°	14905.1	10560.4	6802.6	4242.9	2874.6	2110.5	1664.8	1381.0	1193.8	1063.2	965.1
-15°	12061.1	8510.3	5619.1	3670.8	2546.6	1920.9	1553.5	1312.9	1155.1	1038.5	948.8
-17.5°	9485.8	6596.7	4285.3	2978.8	2228.2	1763.6	1466.2	1262.5	1119.5	1013.8	931.9
-20°	6930.3	4767.3	3417.3	2501.5	1936.4	1583.7	1364.6	1204.0	1083.3	991.3	918.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4796.7	3584.4	2650.7	2058.2	1711.2	1459.0	1277.6	1143.1	1042.1	966.3	902.4
-25°	3443.8	2667.1	2124.4	1784.5	1519.5	1329.0	1195.5	1091.2	1008.6	943.1	884.4
-27.5°	2520.1	2060.0	1791.8	1545.8	1363.0	1234.0	1126.2	1038.6	971.1	916.0	866.1
-30°	1950.6	1724.7	1531.0	1366.5	1248.2	1144.9	1061.8	994.7	936.4	886.1	840.4
-32.5°	1601.1	1473.1	1336.6	1239.3	1147.7	1071.8	1007.5	950.3	900.7	855.4	814.4
-35°	1378.4	1291.0	1206.0	1134.0	1067.3	1008.8	954.1	908.1	864.7	823.6	787.7
-37.5°	1221.0	1158.6	1104.4	1048.6	998.9	949.3	906.1	867.0	827.6	794.0	762.0
-40°	1104.4	1059.7	1022.0	979.0	937.6	895.7	862.1	827.6	796.0	764.8	736.1
-42.5°	1016.0	985.4	953.0	918.1	883.1	852.5	821.9	793.2	764.2	736.6	711.8
-45°	945.7	919.9	891.4	865.9	838.7	812.1	784.9	758.2	732.2	709.2	687.8
-47.5°	885.1	864.8	842.7	820.5	797.5	773.4	748.1	722.4	701.6	681.2	658.9
-50°	833.5	816.4	797.7	778.2	758.4	736.1	712.7	688.8	669.9	650.1	628.5
-52.5°	785.4	771.9	756.3	739.6	721.0	700.4	678.9	656.4	636.8	617.7	596.2
-55°	741.3	730.5	716.1	700.6	683.8	664.6	644.4	623.0	602.8	584.4	558.9
-57.5°	698.0	688.3	674.3	659.9	645.4	626.1	605.9	586.8	565.8	543.6	518.6
-60°	647.5	641.3	626.2	611.2	596.6	580.7	561.7	542.5	523.4	500.3	473.5
-62.5°	584.3	577.6	566.0	553.8	541.6	528.7	511.9	493.8	475.6	454.5	425.2
-65°	515.3	507.9	499.9	492.4	483.1	472.0	457.2	440.6	420.7	397.9	373.2
-67.5°	452.1	446.4	440.2	433.1	424.4	413.4	398.9	381.7	363.6	345.0	325.6
-70°	395.3	390.7	384.8	376.9	367.0	355.3	341.7	326.8	311.1	294.7	277.9
-72.5°	337.5	333.2	327.1	318.4	308.4	297.8	286.4	273.7	259.8	244.5	230.7
-75°	277.7	274.0	268.7	261.1	252.8	243.9	233.9	222.7	211.5	200.3	189.4
-77.5°	219.4	215.4	210.4	204.1	197.2	189.8	181.9	173.8	165.7	157.2	148.3
-80°	162.8	159.7	156.3	151.5	146.1	140.1	133.5	127.4	121.0	114.9	109.2
-82.5°	111.0	110.0	108.5	104.4	100.3	96.1	92.0	88.3	84.5	80.4	76.2
-85°	62.3	62.2	61.8	59.9	58.0	55.8	53.5	51.1	48.5	45.8	43.0
-87.5°	22.1	21.7	21.3	20.8	20.3	19.8	19.2	18.6	18.0	17.3	16.6
-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: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-730-U-MR-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°	40.0	36.9	33.7	30.4	27.0	23.5	21.7	19.8	18.0	16.1	14.1
82.5°	71.7	67.1	62.3	57.3	52.2	46.9	41.5	35.9	30.1	24.5	21.1
80°	103.3	97.1	90.7	84.1	77.5	70.2	63.0	55.6	47.3	39.4	31.9
77.5°	139.0	129.3	119.3	111.0	103.4	95.0	85.8	75.5	64.3	54.1	44.4
75°	178.1	166.4	154.4	142.5	131.2	119.8	109.3	97.2	83.2	68.9	56.8
72.5°	218.5	205.0	190.4	175.5	162.1	148.2	134.0	118.7	102.6	86.3	69.7
70°	261.1	244.5	228.2	211.4	194.1	176.6	160.2	141.8	121.8	103.3	84.7
67.5°	305.3	285.6	266.1	247.0	227.3	207.2	186.5	165.0	142.8	120.2	99.5
65°	350.7	327.3	303.5	282.2	260.2	237.7	214.6	188.4	163.4	138.6	114.0
62.5°	396.8	369.8	343.4	317.5	292.6	267.7	241.9	212.5	183.9	156.6	129.3
60°	443.3	412.2	382.5	353.6	325.1	297.3	268.1	235.9	204.6	174.3	144.7
57.5°	487.8	453.6	419.8	388.2	357.2	326.4	293.7	259.0	224.7	191.8	159.8
55°	531.0	496.0	456.4	420.5	387.5	354.7	318.6	281.7	244.3	208.7	174.5
52.5°	569.2	534.3	493.2	452.1	415.2	380.9	342.2	303.8	264.1	225.0	188.7
50°	603.7	568.4	527.1	483.7	441.8	403.7	364.8	324.2	283.3	241.1	202.5
47.5°	633.5	599.7	559.0	513.6	468.7	425.7	385.2	343.5	301.8	257.5	215.8
45°	660.5	629.7	589.4	542.9	493.7	448.0	404.5	361.7	318.1	273.4	228.5
42.5°	685.7	655.9	619.0	571.5	519.2	469.5	423.0	378.5	333.5	288.4	241.3
40°	708.5	678.7	646.6	598.3	543.3	489.6	441.1	394.4	347.9	302.2	253.6
37.5°	731.1	700.2	667.0	623.2	565.8	510.1	458.1	409.4	361.8	314.5	265.2
35°	754.2	721.1	684.9	642.9	587.3	528.9	473.6	423.5	374.9	326.0	276.0
32.5°	776.5	739.9	701.3	659.5	607.4	546.1	488.8	437.2	387.1	336.8	286.0
30°	798.3	755.4	715.8	676.4	625.0	562.9	503.6	449.9	398.5	346.9	295.1
27.5°	814.9	768.9	728.6	689.7	639.7	578.4	518.0	461.6	408.9	356.1	303.1
25°	829.8	781.8	739.6	700.3	654.2	594.5	531.2	472.4	418.5	364.5	310.4
22.5°	844.8	793.1	748.8	709.3	667.9	608.9	543.7	483.1	427.1	372.1	317.0
20°	857.7	802.2	756.3	717.5	677.1	620.2	555.5	492.6	434.7	378.8	322.8
17.5°	868.7	811.4	764.3	724.3	683.4	629.8	565.7	501.0	441.3	384.6	327.9
15°	879.9	821.0	771.1	729.5	688.9	637.6	574.5	508.0	447.0	389.6	332.5
12.5°	889.5	828.1	776.4	733.2	693.4	643.7	581.7	513.8	451.5	394.2	336.9
10°	897.0	832.8	780.1	735.6	697.0	648.1	587.3	519.2	457.0	398.4	340.5
7.5°	902.3	835.1	782.2	736.5	699.6	652.1	592.8	525.2	461.9	401.6	343.4
5°	905.8	836.2	783.6	738.7	701.1	655.7	596.8	529.8	465.8	403.9	345.4
2.5°	910.0	836.6	783.7	740.4	701.1	658.0	599.1	533.2	468.7	405.3	346.6
0°	911.5	835.1	782.2	741.0	699.8	658.7	599.9	535.2	470.5	405.8	347.0
-2.5°	910.0	836.6	783.7	740.4	701.1	658.0	599.1	533.2	468.7	405.3	346.6
-5°	905.8	836.2	783.6	738.7	701.1	655.7	596.8	529.8	465.8	403.9	345.4
-7.5°	902.3	835.1	782.2	736.5	699.6	652.1	592.8	525.2	461.9	401.6	343.4
-10°	897.0	832.8	780.1	735.6	697.0	648.1	587.3	519.2	457.0	398.4	340.5
-12.5°	889.5	828.1	776.4	733.2	693.4	643.7	581.7	513.8	451.5	394.2	336.9
-15°	879.9	821.0	771.1	729.5	688.9	637.6	574.5	508.0	447.0	389.6	332.5
-17.5°	868.7	811.4	764.3	724.3	683.4	629.8	565.7	501.0	441.3	384.6	327.9
-20°	857.7	802.2	756.3	717.5	677.1	620.2	555.5	492.6	434.7	378.8	322.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	844.8	793.1	748.8	709.3	667.9	608.9	543.7	483.1	427.1	372.1	317.0
-25°	829.8	781.8	739.6	700.3	654.2	594.5	531.2	472.4	418.5	364.5	310.4
-27.5°	814.9	768.9	728.6	689.7	639.7	578.4	518.0	461.6	408.9	356.1	303.1
-30°	798.3	755.4	715.8	676.4	625.0	562.9	503.6	449.9	398.5	346.9	295.1
-32.5°	776.5	739.9	701.3	659.5	607.4	546.1	488.8	437.2	387.1	336.8	286.0
-35°	754.2	721.1	684.9	642.9	587.3	528.9	473.6	423.5	374.9	326.0	276.0
-37.5°	731.1	700.2	667.0	623.2	565.8	510.1	458.1	409.4	361.8	314.5	265.2
-40°	708.5	678.7	646.6	598.3	543.3	489.6	441.1	394.4	347.9	302.2	253.6
-42.5°	685.7	655.9	619.0	571.5	519.2	469.5	423.0	378.5	333.5	288.4	241.3
-45°	660.5	629.7	589.4	542.9	493.7	448.0	404.5	361.7	318.1	273.4	228.5
-47.5°	633.5	599.7	559.0	513.6	468.7	425.7	385.2	343.5	301.8	257.5	215.8
-50°	603.7	568.4	527.1	483.7	441.8	403.7	364.8	324.2	283.3	241.1	202.5
-52.5°	569.2	534.3	493.2	452.1	415.2	380.9	342.2	303.8	264.1	225.0	188.7
-55°	531.0	496.0	456.4	420.5	387.5	354.7	318.6	281.7	244.3	208.7	174.5
-57.5°	487.8	453.6	419.8	388.2	357.2	326.4	293.7	259.0	224.7	191.8	159.8
-60°	443.3	412.2	382.5	353.6	325.1	297.3	268.1	235.9	204.6	174.3	144.7
-62.5°	396.8	369.8	343.4	317.5	292.6	267.7	241.9	212.5	183.9	156.6	129.3
-65°	350.7	327.3	303.5	282.2	260.2	237.7	214.6	188.4	163.4	138.6	114.0
-67.5°	305.3	285.6	266.1	247.0	227.3	207.2	186.5	165.0	142.8	120.2	99.5
-70°	261.1	244.5	228.2	211.4	194.1	176.6	160.2	141.8	121.8	103.3	84.7
-72.5°	218.5	205.0	190.4	175.5	162.1	148.2	134.0	118.7	102.6	86.3	69.7
-75°	178.1	166.4	154.4	142.5	131.2	119.8	109.3	97.2	83.2	68.9	56.8
-77.5°	139.0	129.3	119.3	111.0	103.4	95.0	85.8	75.5	64.3	54.1	44.4
-80°	103.3	97.1	90.7	84.1	77.5	70.2	63.0	55.6	47.3	39.4	31.9
-82.5°	71.7	67.1	62.3	57.3	52.2	46.9	41.5	35.9	30.1	24.5	21.1
-85°	40.0	36.9	33.7	30.4	27.0	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: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-730-U-MR-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	1.0	0.0
85°	12.2	10.2	8.2	6.1	4.1	2.0	0.0
82.5°	18.2	15.2	12.2	9.2	6.1	3.1	0.0
80°	24.8	20.2	16.2	12.2	8.2	4.1	0.0
77.5°	35.2	26.5	20.2	15.2	10.2	5.1	0.0
75°	45.6	35.2	24.8	18.2	12.2	6.1	0.0
72.5°	55.9	43.8	31.6	21.1	14.1	7.1	0.0
70°	66.4	52.3	38.4	24.5	16.1	8.0	0.0
67.5°	79.2	60.6	45.1	29.5	18.0	9.0	0.0
65°	91.8	70.0	51.7	34.4	19.8	9.9	0.0
62.5°	104.1	80.3	58.1	39.2	21.7	10.8	0.0
60°	116.2	90.4	64.4	44.0	23.5	11.7	0.0
57.5°	128.9	100.2	72.2	48.6	26.5	12.6	0.0
55°	141.4	109.8	79.9	53.1	29.5	13.5	0.0
52.5°	153.3	119.2	87.3	57.4	32.4	14.3	0.0
50°	164.8	128.7	94.5	61.6	35.2	15.1	0.0
47.5°	175.8	137.7	101.5	65.9	37.9	15.9	0.0
45°	186.7	146.4	108.1	71.0	40.5	16.6	0.0
42.5°	197.2	154.6	114.5	75.8	43.0	17.3	0.0
40°	207.1	162.3	120.7	80.3	45.4	18.0	0.0
37.5°	216.5	169.6	126.6	84.5	47.6	18.6	0.0
35°	225.5	176.8	132.1	88.4	49.8	19.2	0.0
32.5°	233.9	183.8	137.2	92.0	51.8	19.8	0.0
30°	241.9	190.2	141.9	95.4	53.6	20.3	0.0
27.5°	249.1	196.2	146.2	98.4	55.4	20.8	0.0
25°	255.7	201.6	150.2	101.1	57.0	21.3	0.0
22.5°	261.6	206.6	153.8	103.5	58.4	21.7	0.0
20°	266.7	210.8	157.2	105.6	59.7	22.1	0.0
17.5°	271.4	214.5	160.2	107.4	60.9	22.4	0.0
15°	275.7	217.5	162.8	108.9	61.9	22.7	0.0
12.5°	279.4	220.0	165.1	110.1	62.7	22.9	0.0
10°	282.5	221.8	167.0	111.0	63.4	23.1	0.0
7.5°	284.9	223.1	168.5	111.6	64.0	23.3	0.0
5°	286.7	223.8	169.6	111.9	64.4	23.4	0.0
2.5°	287.8	223.9	170.3	112.0	64.6	23.5	0.0
0°	288.2	223.5	170.5	111.7	64.7	23.5	0.0
-2.5°	287.8	223.9	170.3	112.0	64.6	23.5	0.0
-5°	286.7	223.8	169.6	111.9	64.4	23.4	0.0
-7.5°	284.9	223.1	168.5	111.6	64.0	23.3	0.0
-10°	282.5	221.8	167.0	111.0	63.4	23.1	0.0
-12.5°	279.4	220.0	165.1	110.1	62.7	22.9	0.0
-15°	275.7	217.5	162.8	108.9	61.9	22.7	0.0
-17.5°	271.4	214.5	160.2	107.4	60.9	22.4	0.0
-20°	266.7	210.8	157.2	105.6	59.7	22.1	0.0

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REPORT NUMBER: P627625 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	261.6	206.6	153.8	103.5	58.4	21.7	0.0
-25°	255.7	201.6	150.2	101.1	57.0	21.3	0.0
-27.5°	249.1	196.2	146.2	98.4	55.4	20.8	0.0
-30°	241.9	190.2	141.9	95.4	53.6	20.3	0.0
-32.5°	233.9	183.8	137.2	92.0	51.8	19.8	0.0
-35°	225.5	176.8	132.1	88.4	49.8	19.2	0.0
-37.5°	216.5	169.6	126.6	84.5	47.6	18.6	0.0
-40°	207.1	162.3	120.7	80.3	45.4	18.0	0.0
-42.5°	197.2	154.6	114.5	75.8	43.0	17.3	0.0
-45°	186.7	146.4	108.1	71.0	40.5	16.6	0.0
-47.5°	175.8	137.7	101.5	65.9	37.9	15.9	0.0
-50°	164.8	128.7	94.5	61.6	35.2	15.1	0.0
-52.5°	153.3	119.2	87.3	57.4	32.4	14.3	0.0
-55°	141.4	109.8	79.9	53.1	29.5	13.5	0.0
-57.5°	128.9	100.2	72.2	48.6	26.5	12.6	0.0
-60°	116.2	90.4	64.4	44.0	23.5	11.7	0.0
-62.5°	104.1	80.3	58.1	39.2	21.7	10.8	0.0
-65°	91.8	70.0	51.7	34.4	19.8	9.9	0.0
-67.5°	79.2	60.6	45.1	29.5	18.0	9.0	0.0
-70°	66.4	52.3	38.4	24.5	16.1	8.0	0.0
-72.5°	55.9	43.8	31.6	21.1	14.1	7.1	0.0
-75°	45.6	35.2	24.8	18.2	12.2	6.1	0.0
-77.5°	35.2	26.5	20.2	15.2	10.2	5.1	0.0
-80°	24.8	20.2	16.2	12.2	8.2	4.1	0.0
-82.5°	18.2	15.2	12.2	9.2	6.1	3.1	0.0
-85°	12.2	10.2	8.2	6.1	4.1	2.0	0.0
-87.5°	6.1	5.1	4.1	3.1	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)