

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: P627865 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627865 (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-SA6C-730-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N139
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

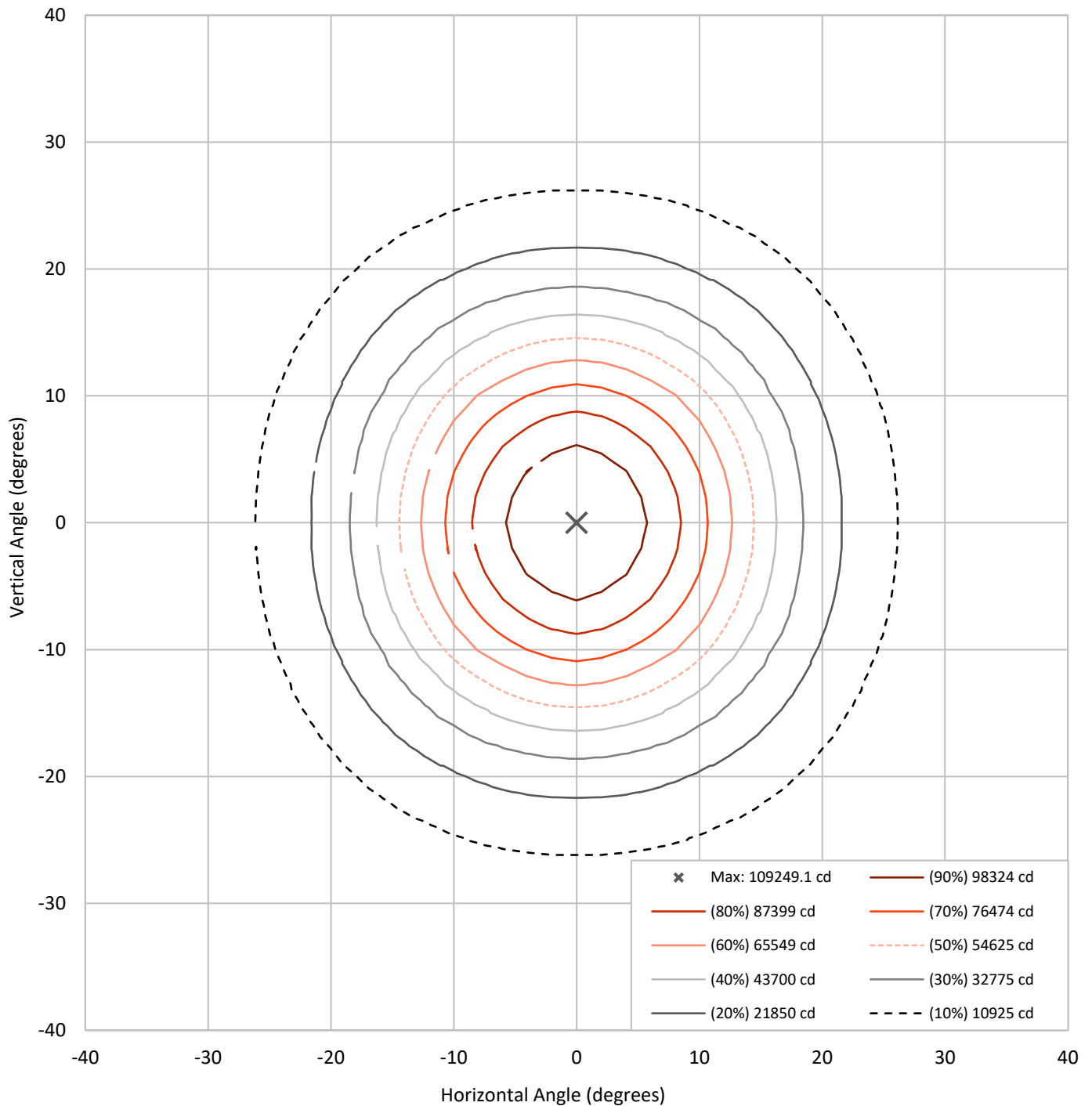
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	34133.2 lumens	Max Intensity:	109249.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	137.9 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:	16595.1 lumens	Field Lumens:	28005.8 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	247.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





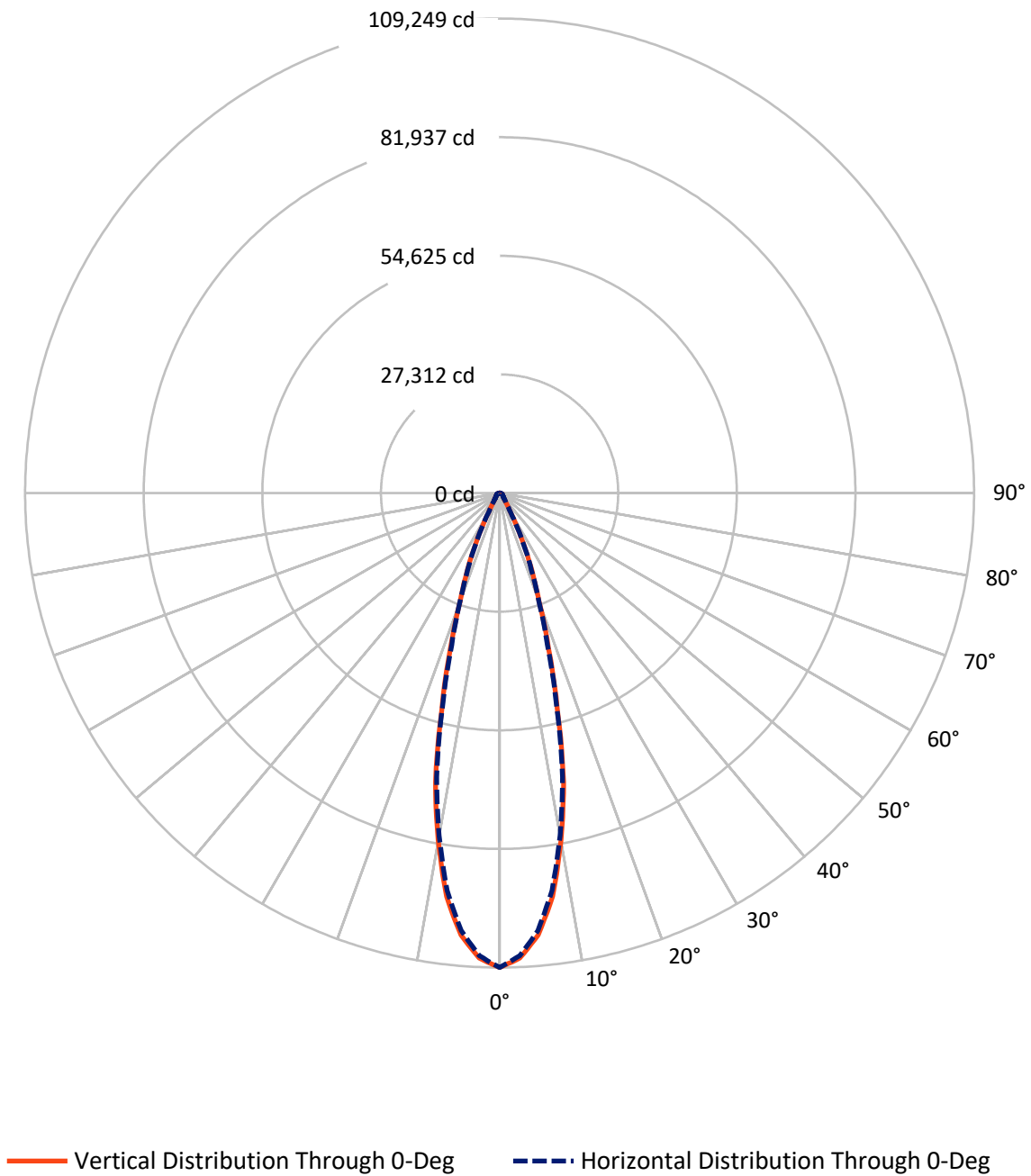
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Lumen Table

90	0.6		5.6		14.8		23.4		26.0		23.4		14.8		5.6		0.6		
80	0.6		5.6		14.8		23.4		26.0		23.4		14.8		5.6		0.6		
70	2.6	2.9	5.9	9.6	13.5	16.5	18.4	19.4	19.4	18.4	16.5	13.5	9.6	5.9	2.9	2.6			
60		4.4	8.8	14.2	19.1	23.5	26.3	27.3	27.3	26.3	23.5	19.1	14.2	8.8	4.4				
50	4.5	5.6	11.3	17.6	23.4	29.6	34.7	37.3	37.3	34.7	29.6	23.4	17.6	11.3	5.6	4.5			
40		6.6	13.3	20.3	28.7	40.9	59.2	76.9	76.9	59.2	40.9	28.7	20.3	13.3	6.6				
30	5.8	7.4	14.5	22.8	36.7	79.8	224.7	398.5	398.5	224.7	79.8	36.7	22.8	14.5	7.4	5.8			
20		7.9	15.2	24.8	50.0	209.5	746.7	1430.8	1430.8	746.7	209.5	50.0	24.8	15.2	7.9				
10	6.2	8.2	15.5	26.1	63.5	361.6	1382.0	2718.4	2718.4	1382.0	361.6	63.5	26.1	15.5	8.2	6.2			
0		8.2	15.5	26.1	63.5	361.6	1382.0	2718.4	2718.4	1382.0	361.6	63.5	26.1	15.5	8.2				
-10	5.8	7.9	15.2	24.8	50.0	209.5	746.7	1430.8	1430.8	746.7	209.5	50.0	24.8	15.2	7.9	5.8			
-20		7.4	14.5	22.8	36.7	79.8	224.7	398.5	398.5	224.7	79.8	36.7	22.8	14.5	7.4				
-30	4.5	6.6	13.3	20.3	28.7	40.9	59.2	76.9	76.9	59.2	40.9	28.7	20.3	13.3	6.6	4.5			
-40		5.6	11.3	17.6	23.4	29.6	34.7	37.3	37.3	34.7	29.6	23.4	17.6	11.3	5.6				
-50	2.6	4.4	8.8	14.2	19.1	23.5	26.3	27.3	27.3	26.3	23.5	19.1	14.2	8.8	4.4	2.6			
-60		2.9	5.9	9.6	13.5	16.5	18.4	19.4	19.4	18.4	16.5	13.5	9.6	5.9	2.9				
-70	0.6		5.6		14.8		23.4		26.0		23.4		14.8		5.6		0.6		
-80	0.6		5.6		14.8		23.4		26.0		23.4		14.8		5.6		0.6		
-90	0.6		5.6		14.8		23.4		26.0		23.4		14.8		5.6		0.6		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

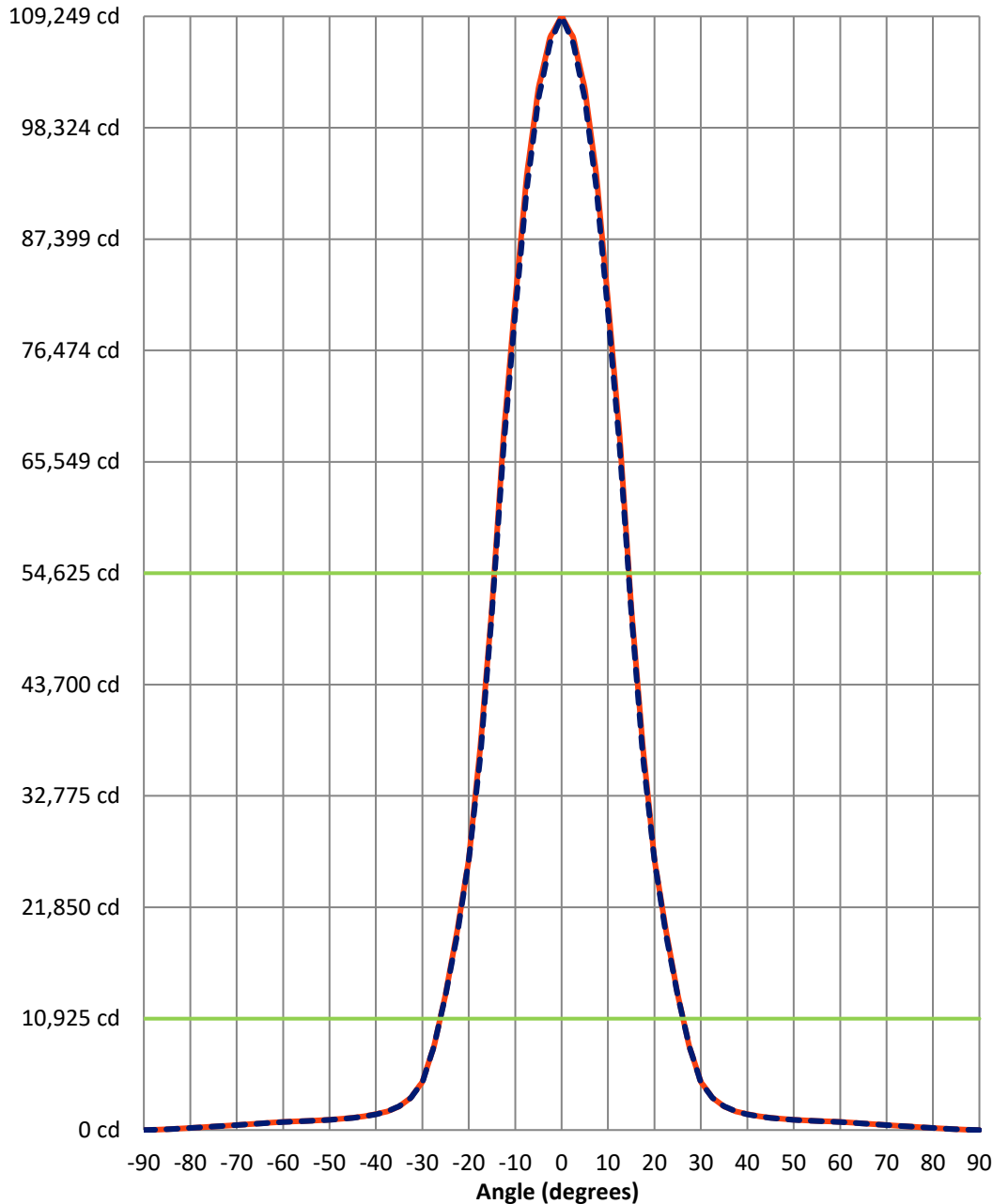
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 16595.1
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 28005.8
 Efficiency: 82.0%

Spill:
 Lumens: 6127.5
 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	1.2	2.4	3.7	4.9	6.1	7.3	8.4	9.6	10.8	11.9
85°	0.0	2.4	4.9	7.3	9.7	12.1	14.5	16.9	19.2	21.5	23.7
82.5°	0.0	3.7	7.3	11.0	14.6	18.2	21.8	25.3	29.3	36.0	42.9
80°	0.0	4.9	9.7	14.6	19.4	24.2	29.6	38.1	47.0	56.5	66.3
77.5°	0.0	6.1	12.1	18.2	24.2	31.7	42.0	53.0	64.6	76.7	90.1
75°	0.0	7.3	14.5	21.8	29.6	42.0	54.4	67.7	82.2	99.2	116.0
72.5°	0.0	8.4	16.9	25.3	37.8	52.2	66.6	83.1	102.9	122.4	141.6
70°	0.0	9.6	19.2	29.3	45.8	62.3	79.1	101.0	123.3	145.3	169.1
67.5°	0.0	10.8	21.5	35.2	53.8	72.2	94.4	118.6	143.4	170.3	196.8
65°	0.0	11.9	23.7	41.1	61.6	83.4	109.5	135.9	165.3	194.9	224.7
62.5°	0.0	13.0	25.9	46.8	69.2	95.7	124.2	154.2	186.8	219.3	253.4
60°	0.0	14.0	28.1	52.4	76.7	107.8	138.7	172.7	207.8	244.0	281.3
57.5°	0.0	15.1	31.7	57.9	86.0	119.5	153.8	190.7	228.7	267.9	308.8
55°	0.0	16.1	35.3	63.3	95.2	131.0	168.6	208.1	248.9	291.3	335.9
52.5°	0.0	17.1	38.7	68.4	104.1	142.2	182.9	225.1	268.4	314.9	362.2
50°	0.0	18.1	42.0	73.4	112.7	153.5	196.6	241.5	287.5	337.8	386.6
47.5°	0.0	19.0	45.3	78.6	121.0	164.3	209.7	257.3	307.0	359.9	409.6
45°	0.0	19.9	48.4	84.6	129.0	174.6	222.7	272.5	326.0	379.4	431.4
42.5°	0.0	20.7	51.3	90.3	136.6	184.4	235.1	287.7	343.9	397.7	451.4
40°	0.0	21.5	54.1	95.7	144.0	193.7	247.0	302.4	360.3	414.9	470.3
37.5°	0.0	22.3	56.8	100.7	151.0	202.4	258.2	316.2	375.0	431.5	488.2
35°	0.0	23.0	59.3	105.4	157.6	210.9	268.8	329.1	388.8	447.1	505.0
32.5°	0.0	23.7	61.7	109.8	163.7	219.2	278.9	341.0	401.6	461.6	521.3
30°	0.0	24.3	63.9	113.7	169.3	226.9	288.4	351.8	413.6	475.2	536.5
27.5°	0.0	24.9	66.0	117.3	174.4	234.0	297.0	361.4	424.6	487.7	550.4
25°	0.0	25.5	67.9	120.6	179.1	240.5	304.9	370.1	434.6	499.0	563.3
22.5°	0.0	26.0	69.6	123.5	183.5	246.3	311.8	377.9	443.7	509.3	576.1
20°	0.0	26.4	71.2	126.0	187.5	251.4	318.0	384.9	451.7	518.4	587.4
17.5°	0.0	26.8	72.6	128.1	191.1	255.8	323.6	390.9	458.6	526.3	597.3
15°	0.0	27.1	73.8	129.9	194.2	259.4	328.6	396.5	464.5	533.0	605.8
12.5°	0.0	27.4	74.8	131.3	197.0	262.3	333.1	401.7	470.0	538.4	612.7
10°	0.0	27.7	75.6	132.4	199.2	264.5	336.8	406.0	475.0	545.0	619.1
7.5°	0.0	27.9	76.3	133.1	201.0	266.0	339.7	409.4	478.9	550.8	626.2
5°	0.0	28.0	76.7	133.5	202.3	266.8	341.8	411.8	481.7	555.4	631.7
2.5°	0.0	28.1	77.0	133.5	203.1	267.0	343.2	413.2	483.3	558.9	635.7
0°	0.0	28.1	77.1	133.2	203.4	266.5	343.6	413.7	483.9	561.0	638.1
-2.5°	0.0	28.1	77.0	133.5	203.1	267.0	343.2	413.2	483.3	558.9	635.7
-5°	0.0	28.0	76.7	133.5	202.3	266.8	341.8	411.8	481.7	555.4	631.7
-7.5°	0.0	27.9	76.3	133.1	201.0	266.0	339.7	409.4	478.9	550.8	626.2
-10°	0.0	27.7	75.6	132.4	199.2	264.5	336.8	406.0	475.0	545.0	619.1
-12.5°	0.0	27.4	74.8	131.3	197.0	262.3	333.1	401.7	470.0	538.4	612.7
-15°	0.0	27.1	73.8	129.9	194.2	259.4	328.6	396.5	464.5	533.0	605.8
-17.5°	0.0	26.8	72.6	128.1	191.1	255.8	323.6	390.9	458.6	526.3	597.3
-20°	0.0	26.4	71.2	126.0	187.5	251.4	318.0	384.9	451.7	518.4	587.4

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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	26.0	69.6	123.5	183.5	246.3	311.8	377.9	443.7	509.3	576.1
-25°	0.0	25.5	67.9	120.6	179.1	240.5	304.9	370.1	434.6	499.0	563.3
-27.5°	0.0	24.9	66.0	117.3	174.4	234.0	297.0	361.4	424.6	487.7	550.4
-30°	0.0	24.3	63.9	113.7	169.3	226.9	288.4	351.8	413.6	475.2	536.5
-32.5°	0.0	23.7	61.7	109.8	163.7	219.2	278.9	341.0	401.6	461.6	521.3
-35°	0.0	23.0	59.3	105.4	157.6	210.9	268.8	329.1	388.8	447.1	505.0
-37.5°	0.0	22.3	56.8	100.7	151.0	202.4	258.2	316.2	375.0	431.5	488.2
-40°	0.0	21.5	54.1	95.7	144.0	193.7	247.0	302.4	360.3	414.9	470.3
-42.5°	0.0	20.7	51.3	90.3	136.6	184.4	235.1	287.7	343.9	397.7	451.4
-45°	0.0	19.9	48.4	84.6	129.0	174.6	222.7	272.5	326.0	379.4	431.4
-47.5°	0.0	19.0	45.3	78.6	121.0	164.3	209.7	257.3	307.0	359.9	409.6
-50°	0.0	18.1	42.0	73.4	112.7	153.5	196.6	241.5	287.5	337.8	386.6
-52.5°	0.0	17.1	38.7	68.4	104.1	142.2	182.9	225.1	268.4	314.9	362.2
-55°	0.0	16.1	35.3	63.3	95.2	131.0	168.6	208.1	248.9	291.3	335.9
-57.5°	0.0	15.1	31.7	57.9	86.0	119.5	153.8	190.7	228.7	267.9	308.8
-60°	0.0	14.0	28.1	52.4	76.7	107.8	138.7	172.7	207.8	244.0	281.3
-62.5°	0.0	13.0	25.9	46.8	69.2	95.7	124.2	154.2	186.8	219.3	253.4
-65°	0.0	11.9	23.7	41.1	61.6	83.4	109.5	135.9	165.3	194.9	224.7
-67.5°	0.0	10.8	21.5	35.2	53.8	72.2	94.4	118.6	143.4	170.3	196.8
-70°	0.0	9.6	19.2	29.3	45.8	62.3	79.1	101.0	123.3	145.3	169.1
-72.5°	0.0	8.4	16.9	25.3	37.8	52.2	66.6	83.1	102.9	122.4	141.6
-75°	0.0	7.3	14.5	21.8	29.6	42.0	54.4	67.7	82.2	99.2	116.0
-77.5°	0.0	6.1	12.1	18.2	24.2	31.7	42.0	53.0	64.6	76.7	90.1
-80°	0.0	4.9	9.7	14.6	19.4	24.2	29.6	38.1	47.0	56.5	66.3
-82.5°	0.0	3.7	7.3	11.0	14.6	18.2	21.8	25.3	29.3	36.0	42.9
-85°	0.0	2.4	4.9	7.3	9.7	12.1	14.5	16.9	19.2	21.5	23.7
-87.5°	0.0	1.2	2.4	3.7	4.9	6.1	7.3	8.4	9.6	10.8	11.9
-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°	13.0	14.0	15.1	16.1	17.1	18.1	19.0	19.9	20.7	21.5	22.3
85°	25.9	28.1	32.2	36.3	40.2	44.1	47.7	51.3	54.7	57.9	61.0
82.5°	49.5	56.0	62.2	68.3	74.3	80.0	85.5	90.8	95.9	100.8	105.4
80°	75.2	83.8	92.4	100.4	108.2	115.8	123.2	130.3	137.1	144.3	152.0
77.5°	102.4	113.3	123.3	132.4	142.3	154.2	165.8	176.8	187.5	197.6	207.2
75°	130.4	142.8	156.5	170.0	184.2	198.5	212.4	225.8	238.9	252.3	265.6
72.5°	159.8	176.8	193.3	209.4	227.1	244.5	260.5	275.1	291.6	309.8	326.4
70°	191.0	210.7	231.4	252.1	272.2	291.6	311.4	331.4	351.5	371.1	389.7
67.5°	222.4	247.0	271.1	294.5	317.4	340.6	364.2	388.2	411.4	433.6	455.1
65°	255.9	283.4	310.3	336.5	362.0	390.4	418.2	445.0	474.4	501.7	525.3
62.5°	288.4	319.2	349.0	378.6	409.5	440.9	473.2	507.0	542.0	567.1	588.9
60°	319.7	354.5	387.6	421.6	456.1	491.5	528.6	564.6	596.5	624.1	646.9
57.5°	350.3	389.2	425.9	462.8	500.5	540.8	581.6	618.4	648.1	674.7	699.7
55°	379.9	423.0	462.1	501.3	544.2	591.4	633.2	666.4	696.9	718.8	742.8
52.5°	408.0	454.2	495.1	539.1	588.1	637.1	678.7	710.9	736.5	759.2	782.6
50°	434.9	481.4	526.8	576.8	628.6	677.8	719.9	749.5	775.2	798.8	821.3
47.5°	459.4	507.6	558.9	612.4	666.5	715.1	755.5	785.7	812.3	836.6	861.3
45°	482.4	534.2	588.8	647.3	702.8	750.9	787.7	820.1	845.7	873.1	904.1
42.5°	504.4	559.8	619.0	681.4	738.1	782.1	817.7	848.8	878.4	911.3	945.8
40°	526.0	583.7	647.8	713.4	771.1	809.3	844.9	877.9	911.9	949.2	986.9
37.5°	546.2	608.2	674.7	743.1	795.3	835.0	871.8	908.6	946.8	986.9	1033.8
35°	564.7	630.7	700.4	766.6	816.7	859.9	899.4	939.3	982.1	1031.1	1082.8
32.5°	582.8	651.2	724.3	786.4	836.2	882.4	925.9	971.1	1020.1	1074.0	1133.2
30°	600.5	671.2	745.3	806.6	853.6	900.8	951.9	1002.1	1056.6	1116.6	1186.1
27.5°	617.7	689.8	762.8	822.4	868.8	916.9	971.7	1032.8	1092.3	1158.0	1238.5
25°	633.5	708.9	780.1	835.0	881.9	932.3	989.5	1054.5	1124.6	1202.7	1301.3
22.5°	648.4	726.1	796.4	845.7	892.9	945.7	1007.3	1076.1	1152.2	1242.7	1363.1
20°	662.4	739.5	807.3	855.6	901.9	956.5	1022.7	1095.1	1182.0	1291.7	1435.7
17.5°	674.6	750.9	814.9	863.6	911.4	967.6	1035.9	1111.2	1208.9	1335.0	1505.4
15°	685.0	760.2	821.4	869.8	919.5	979.0	1049.3	1131.4	1238.4	1377.3	1565.6
12.5°	693.6	767.5	826.9	874.3	925.8	987.4	1060.7	1150.8	1267.8	1423.6	1646.7
10°	700.3	772.8	831.1	877.1	930.2	993.0	1069.7	1166.0	1291.6	1462.2	1716.2
7.5°	706.9	777.5	834.2	878.3	932.8	995.8	1076.0	1176.7	1309.1	1491.2	1771.6
5°	711.6	781.9	836.0	880.9	934.4	997.0	1080.2	1182.9	1320.0	1510.3	1810.7
2.5°	714.4	784.5	836.0	882.9	934.5	997.6	1085.2	1186.4	1332.1	1526.5	1833.0
0°	715.3	785.4	834.5	883.6	932.7	995.8	1087.0	1185.1	1339.4	1535.8	1837.3
-2.5°	714.4	784.5	836.0	882.9	934.5	997.6	1085.2	1186.4	1332.1	1526.5	1833.0
-5°	711.6	781.9	836.0	880.9	934.4	997.0	1080.2	1182.9	1320.0	1510.3	1810.7
-7.5°	706.9	777.5	834.2	878.3	932.8	995.8	1076.0	1176.7	1309.1	1491.2	1771.6
-10°	700.3	772.8	831.1	877.1	930.2	993.0	1069.7	1166.0	1291.6	1462.2	1716.2
-12.5°	693.6	767.5	826.9	874.3	925.8	987.4	1060.7	1150.8	1267.8	1423.6	1646.7
-15°	685.0	760.2	821.4	869.8	919.5	979.0	1049.3	1131.4	1238.4	1377.3	1565.6
-17.5°	674.6	750.9	814.9	863.6	911.4	967.6	1035.9	1111.2	1208.9	1335.0	1505.4
-20°	662.4	739.5	807.3	855.6	901.9	956.5	1022.7	1095.1	1182.0	1291.7	1435.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627865 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	648.4	726.1	796.4	845.7	892.9	945.7	1007.3	1076.1	1152.2	1242.7	1363.1
-25°	633.5	708.9	780.1	835.0	881.9	932.3	989.5	1054.5	1124.6	1202.7	1301.3
-27.5°	617.7	689.8	762.8	822.4	868.8	916.9	971.7	1032.8	1092.3	1158.0	1238.5
-30°	600.5	671.2	745.3	806.6	853.6	900.8	951.9	1002.1	1056.6	1116.6	1186.1
-32.5°	582.8	651.2	724.3	786.4	836.2	882.4	925.9	971.1	1020.1	1074.0	1133.2
-35°	564.7	630.7	700.4	766.6	816.7	859.9	899.4	939.3	982.1	1031.1	1082.8
-37.5°	546.2	608.2	674.7	743.1	795.3	835.0	871.8	908.6	946.8	986.9	1033.8
-40°	526.0	583.7	647.8	713.4	771.1	809.3	844.9	877.9	911.9	949.2	986.9
-42.5°	504.4	559.8	619.0	681.4	738.1	782.1	817.7	848.8	878.4	911.3	945.8
-45°	482.4	534.2	588.8	647.3	702.8	750.9	787.7	820.1	845.7	873.1	904.1
-47.5°	459.4	507.6	558.9	612.4	666.5	715.1	755.5	785.7	812.3	836.6	861.3
-50°	434.9	481.4	526.8	576.8	628.6	677.8	719.9	749.5	775.2	798.8	821.3
-52.5°	408.0	454.2	495.1	539.1	588.1	637.1	678.7	710.9	736.5	759.2	782.6
-55°	379.9	423.0	462.1	501.3	544.2	591.4	633.2	666.4	696.9	718.8	742.8
-57.5°	350.3	389.2	425.9	462.8	500.5	540.8	581.6	618.4	648.1	674.7	699.7
-60°	319.7	354.5	387.6	421.6	456.1	491.5	528.6	564.6	596.5	624.1	646.9
-62.5°	288.4	319.2	349.0	378.6	409.5	440.9	473.2	507.0	542.0	567.1	588.9
-65°	255.9	283.4	310.3	336.5	362.0	390.4	418.2	445.0	474.4	501.7	525.3
-67.5°	222.4	247.0	271.1	294.5	317.4	340.6	364.2	388.2	411.4	433.6	455.1
-70°	191.0	210.7	231.4	252.1	272.2	291.6	311.4	331.4	351.5	371.1	389.7
-72.5°	159.8	176.8	193.3	209.4	227.1	244.5	260.5	275.1	291.6	309.8	326.4
-75°	130.4	142.8	156.5	170.0	184.2	198.5	212.4	225.8	238.9	252.3	265.6
-77.5°	102.4	113.3	123.3	132.4	142.3	154.2	165.8	176.8	187.5	197.6	207.2
-80°	75.2	83.8	92.4	100.4	108.2	115.8	123.2	130.3	137.1	144.3	152.0
-82.5°	49.5	56.0	62.2	68.3	74.3	80.0	85.5	90.8	95.9	100.8	105.4
-85°	25.9	28.1	32.2	36.3	40.2	44.1	47.7	51.3	54.7	57.9	61.0
-87.5°	13.0	14.0	15.1	16.1	17.1	18.1	19.0	19.9	20.7	21.5	22.3
-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: P627865 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	23.0	23.7	24.3	24.9	25.5	26.0	26.4	26.8	27.1	27.4	27.7
85°	63.9	66.6	69.1	71.5	73.7	74.2	74.3	74.2	73.8	74.8	75.6
82.5°	109.7	114.7	119.6	124.6	129.4	131.2	132.4	133.3	133.9	135.8	137.4
80°	159.3	167.1	174.3	180.7	186.5	190.5	194.2	197.7	200.8	202.2	202.9
77.5°	216.9	226.4	235.2	243.4	250.9	256.9	261.7	265.6	268.6	270.5	271.8
75°	278.9	290.8	301.5	311.3	320.4	326.8	331.2	334.4	336.6	339.0	340.8
72.5°	341.6	355.2	367.8	379.7	390.1	397.4	402.5	406.7	409.8	412.1	413.3
70°	407.4	423.7	437.6	449.4	458.9	465.9	471.4	475.9	479.3	481.6	482.9
67.5°	475.6	493.0	506.0	516.4	524.9	532.3	539.2	544.2	547.6	551.0	554.5
65°	545.1	562.8	576.1	587.1	596.1	605.7	614.5	621.0	625.4	629.4	633.4
62.5°	610.4	630.4	645.9	660.3	674.9	688.7	696.8	703.0	707.3	711.2	715.8
60°	669.8	692.4	711.4	728.9	746.8	764.7	772.1	777.9	783.3	788.5	793.1
57.5°	722.5	746.6	769.6	786.9	804.0	820.8	832.3	838.7	842.9	845.2	847.2
55°	768.4	792.5	815.4	835.4	853.9	871.1	884.0	890.2	894.7	897.7	899.5
52.5°	809.5	835.2	859.8	881.9	901.9	920.5	936.6	945.1	952.0	956.9	958.5
50°	849.8	877.7	904.3	927.9	951.2	973.4	993.9	1005.7	1014.1	1019.2	1020.8
47.5°	892.0	922.2	951.0	978.4	1004.8	1031.2	1055.4	1071.6	1083.6	1092.4	1098.7
45°	935.9	968.4	1000.2	1032.6	1063.0	1096.9	1127.6	1151.2	1168.6	1183.7	1195.7
42.5°	980.0	1016.6	1053.1	1094.8	1136.3	1174.9	1211.5	1242.8	1271.2	1299.1	1320.9
40°	1028.1	1068.1	1118.0	1167.4	1218.6	1263.6	1316.9	1364.7	1408.5	1455.8	1494.9
37.5°	1080.5	1132.0	1191.1	1250.3	1316.9	1381.5	1456.0	1529.3	1593.1	1676.0	1742.5
35°	1137.7	1202.9	1272.6	1352.1	1438.0	1539.4	1643.6	1765.9	1869.6	2001.3	2122.9
32.5°	1201.4	1278.1	1368.5	1477.8	1593.8	1756.5	1909.2	2116.4	2293.6	2522.1	2771.8
30°	1266.1	1365.2	1488.3	1629.5	1825.6	2056.6	2325.9	2676.2	3055.2	3447.2	3975.0
27.5°	1342.9	1471.5	1625.3	1843.3	2136.6	2456.3	3005.0	3597.4	4422.7	5076.1	6239.8
25°	1425.6	1584.8	1811.9	2127.9	2533.2	3180.3	4106.4	5178.8	6830.3	8299.3	9987.5
22.5°	1523.5	1739.7	2040.5	2454.2	3160.8	4274.1	5719.7	7922.0	10370.2	12786.5	14995.0
20°	1627.2	1888.4	2309.0	2982.8	4074.8	5684.6	8263.9	11410.8	14660.9	17972.4	20763.0
17.5°	1748.3	2102.9	2657.0	3552.0	5109.9	7866.1	11311.1	15312.6	19558.7	23784.3	27454.7
15°	1852.4	2290.5	3036.6	4377.2	6700.4	10147.8	14381.9	19435.7	24775.4	30259.2	36202.7
12.5°	1985.1	2516.6	3427.7	5059.4	8111.5	12592.4	17773.2	23640.7	30161.1	37442.4	46708.1
10°	2106.9	2753.7	3942.2	6152.5	9807.8	14875.9	20702.5	27359.4	35817.0	46758.8	57935.5
7.5°	2204.5	2941.7	4341.3	7005.4	11230.4	16826.7	23340.0	31321.4	41872.9	54902.1	67672.2
5°	2272.4	3072.0	4626.7	7650.0	12374.7	18317.6	25211.9	34242.0	46977.4	61567.8	74606.9
2.5°	2315.0	3143.3	4766.4	8032.6	13121.0	19214.7	26379.7	36098.2	50105.9	65811.0	79012.7
0°	2335.2	3155.7	4677.4	8218.8	13225.7	19151.4	26486.6	36717.9	50848.3	66963.2	80111.8
-2.5°	2315.0	3143.3	4766.4	8032.6	13121.0	19214.7	26379.7	36098.2	50105.9	65811.0	79012.7
-5°	2272.4	3072.0	4626.7	7650.0	12374.7	18317.6	25211.9	34242.0	46977.4	61567.8	74606.9
-7.5°	2204.5	2941.7	4341.3	7005.4	11230.4	16826.7	23340.0	31321.4	41872.9	54902.1	67672.2
-10°	2106.9	2753.7	3942.2	6152.5	9807.8	14875.9	20702.5	27359.4	35817.0	46758.8	57935.5
-12.5°	1985.1	2516.6	3427.7	5059.4	8111.5	12592.4	17773.2	23640.7	30161.1	37442.4	46708.1
-15°	1852.4	2290.5	3036.6	4377.2	6700.4	10147.8	14381.9	19435.7	24775.4	30259.2	36202.7
-17.5°	1748.3	2102.9	2657.0	3552.0	5109.9	7866.1	11311.1	15312.6	19558.7	23784.3	27454.7
-20°	1627.2	1888.4	2309.0	2982.8	4074.8	5684.6	8263.9	11410.8	14660.9	17972.4	20763.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627865 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	1523.5	1739.7	2040.5	2454.2	3160.8	4274.1	5719.7	7922.0	10370.2	12786.5	14995.0
-25°	1425.6	1584.8	1811.9	2127.9	2533.2	3180.3	4106.4	5178.8	6830.3	8299.3	9987.5
-27.5°	1342.9	1471.5	1625.3	1843.3	2136.6	2456.3	3005.0	3597.4	4422.7	5076.1	6239.8
-30°	1266.1	1365.2	1488.3	1629.5	1825.6	2056.6	2325.9	2676.2	3055.2	3447.2	3975.0
-32.5°	1201.4	1278.1	1368.5	1477.8	1593.8	1756.5	1909.2	2116.4	2293.6	2522.1	2771.8
-35°	1137.7	1202.9	1272.6	1352.1	1438.0	1539.4	1643.6	1765.9	1869.6	2001.3	2122.9
-37.5°	1080.5	1132.0	1191.1	1250.3	1316.9	1381.5	1456.0	1529.3	1593.1	1676.0	1742.5
-40°	1028.1	1068.1	1118.0	1167.4	1218.6	1263.6	1316.9	1364.7	1408.5	1455.8	1494.9
-42.5°	980.0	1016.6	1053.1	1094.8	1136.3	1174.9	1211.5	1242.8	1271.2	1299.1	1320.9
-45°	935.9	968.4	1000.2	1032.6	1063.0	1096.9	1127.6	1151.2	1168.6	1183.7	1195.7
-47.5°	892.0	922.2	951.0	978.4	1004.8	1031.2	1055.4	1071.6	1083.6	1092.4	1098.7
-50°	849.8	877.7	904.3	927.9	951.2	973.4	993.9	1005.7	1014.1	1019.2	1020.8
-52.5°	809.5	835.2	859.8	881.9	901.9	920.5	936.6	945.1	952.0	956.9	958.5
-55°	768.4	792.5	815.4	835.4	853.9	871.1	884.0	890.2	894.7	897.7	899.5
-57.5°	722.5	746.6	769.6	786.9	804.0	820.8	832.3	838.7	842.9	845.2	847.2
-60°	669.8	692.4	711.4	728.9	746.8	764.7	772.1	777.9	783.3	788.5	793.1
-62.5°	610.4	630.4	645.9	660.3	674.9	688.7	696.8	703.0	707.3	711.2	715.8
-65°	545.1	562.8	576.1	587.1	596.1	605.7	614.5	621.0	625.4	629.4	633.4
-67.5°	475.6	493.0	506.0	516.4	524.9	532.3	539.2	544.2	547.6	551.0	554.5
-70°	407.4	423.7	437.6	449.4	458.9	465.9	471.4	475.9	479.3	481.6	482.9
-72.5°	341.6	355.2	367.8	379.7	390.1	397.4	402.5	406.7	409.8	412.1	413.3
-75°	278.9	290.8	301.5	311.3	320.4	326.8	331.2	334.4	336.6	339.0	340.8
-77.5°	216.9	226.4	235.2	243.4	250.9	256.9	261.7	265.6	268.6	270.5	271.8
-80°	159.3	167.1	174.3	180.7	186.5	190.5	194.2	197.7	200.8	202.2	202.9
-82.5°	109.7	114.7	119.6	124.6	129.4	131.2	132.4	133.3	133.9	135.8	137.4
-85°	63.9	66.6	69.1	71.5	73.7	74.2	74.3	74.2	73.8	74.8	75.6
-87.5°	23.0	23.7	24.3	24.9	25.5	26.0	26.4	26.8	27.1	27.4	27.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627865 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	27.9	28.0	28.1	28.1	28.1	28.0	27.9	27.7	27.4	27.1	26.8
85°	76.3	76.7	77.0	77.1	77.0	76.7	76.3	75.6	74.8	73.8	74.2
82.5°	138.7	139.6	140.1	140.3	140.1	139.6	138.7	137.4	135.8	133.9	133.3
80°	203.0	202.5	203.2	203.4	203.2	202.5	203.0	202.9	202.2	200.8	197.7
77.5°	272.3	272.2	273.2	273.5	273.2	272.2	272.3	271.8	270.5	268.6	265.6
75°	341.9	342.1	343.2	343.6	343.2	342.1	341.9	340.8	339.0	336.6	334.4
72.5°	413.3	412.1	413.2	413.7	413.2	412.1	413.3	413.3	412.1	409.8	406.7
70°	483.1	482.1	486.6	490.9	486.6	482.1	483.1	482.9	481.6	479.3	475.9
67.5°	557.1	558.5	563.5	568.0	563.5	558.5	557.1	554.5	551.0	547.6	544.2
65°	635.4	635.7	640.5	645.2	640.5	635.7	635.4	633.4	629.4	625.4	621.0
62.5°	718.5	719.4	724.4	729.3	724.4	719.4	718.5	715.8	711.2	707.3	703.0
60°	795.8	796.6	798.5	799.4	798.5	796.6	795.8	793.1	788.5	783.3	777.9
57.5°	847.8	847.1	847.8	848.5	847.8	847.1	847.8	847.2	845.2	842.9	838.7
55°	899.2	896.9	894.2	890.6	894.2	896.9	899.2	899.5	897.7	894.7	890.2
52.5°	957.2	953.5	950.2	946.7	950.2	953.5	957.2	958.5	956.9	952.0	945.1
50°	1019.8	1016.4	1013.2	1009.8	1013.2	1016.4	1019.8	1020.8	1019.2	1014.1	1005.7
47.5°	1103.1	1104.5	1103.9	1101.0	1103.9	1104.5	1103.1	1098.7	1092.4	1083.6	1071.6
45°	1204.3	1208.4	1208.9	1206.2	1208.9	1208.4	1204.3	1195.7	1183.7	1168.6	1151.2
42.5°	1336.3	1345.1	1350.0	1353.4	1350.0	1345.1	1336.3	1320.9	1299.1	1271.2	1242.8
40°	1523.4	1541.5	1553.0	1563.8	1553.0	1541.5	1523.4	1494.9	1455.8	1408.5	1364.7
37.5°	1791.8	1824.6	1839.3	1830.3	1839.3	1824.6	1791.8	1742.5	1676.0	1593.1	1529.3
35°	2216.5	2279.0	2311.5	2314.2	2311.5	2279.0	2216.5	2122.9	2001.3	1869.6	1765.9
32.5°	2956.3	3084.2	3153.0	3162.7	3153.0	3084.2	2956.3	2771.8	2522.1	2293.6	2116.4
30°	4379.0	4640.0	4762.6	4733.5	4762.6	4640.0	4379.0	3975.0	3447.2	3055.2	2676.2
27.5°	7144.4	7795.3	8181.0	8211.7	8181.0	7795.3	7144.4	6239.8	5076.1	4422.7	3597.4
25°	11482.7	12593.9	13305.4	13316.9	13305.4	12593.9	11482.7	9987.5	8299.3	6830.3	5178.8
22.5°	17037.2	18553.9	19384.9	19530.1	19384.9	18553.9	17037.2	14995.0	12786.5	10370.2	7922.0
20°	23472.2	25489.9	26569.5	26570.7	26569.5	25489.9	23472.2	20763.0	17972.4	14660.9	11410.8
17.5°	31397.2	34673.5	36730.2	37615.5	36730.2	34673.5	31397.2	27454.7	23784.3	19558.7	15312.6
15°	41925.7	47431.4	50730.6	51325.1	50730.6	47431.4	41925.7	36202.7	30259.2	24775.4	19435.7
12.5°	54745.3	61713.0	66396.7	68113.3	66396.7	61713.0	54745.3	46708.1	37442.4	30161.1	23640.7
10°	68130.2	74586.1	79603.8	81289.9	79603.8	74586.1	68130.2	57935.5	46758.8	35817.0	27359.4
7.5°	77799.7	85498.1	91150.1	93632.1	91150.1	85498.1	77799.7	67672.2	54902.1	41872.9	31321.4
5°	85432.7	94541.9	99803.3	102138.4	99803.3	94541.9	85432.7	74606.9	61567.8	46977.4	34242.0
2.5°	90441.0	99441.6	105013.3	107166.4	105013.3	99441.6	90441.0	79012.7	65811.0	50105.9	36098.2
0°	92313.7	101114.5	106619.4	109249.1	106619.4	101114.5	92313.7	80111.8	66963.2	50848.3	36717.9
-2.5°	90441.0	99441.6	105013.3	107166.4	105013.3	99441.6	90441.0	79012.7	65811.0	50105.9	36098.2
-5°	85432.7	94541.9	99803.3	102138.4	99803.3	94541.9	85432.7	74606.9	61567.8	46977.4	34242.0
-7.5°	77799.7	85498.1	91150.1	93632.1	91150.1	85498.1	77799.7	67672.2	54902.1	41872.9	31321.4
-10°	68130.2	74586.1	79603.8	81289.9	79603.8	74586.1	68130.2	57935.5	46758.8	35817.0	27359.4
-12.5°	54745.3	61713.0	66396.7	68113.3	66396.7	61713.0	54745.3	46708.1	37442.4	30161.1	23640.7
-15°	41925.7	47431.4	50730.6	51325.1	50730.6	47431.4	41925.7	36202.7	30259.2	24775.4	19435.7
-17.5°	31397.2	34673.5	36730.2	37615.5	36730.2	34673.5	31397.2	27454.7	23784.3	19558.7	15312.6
-20°	23472.2	25489.9	26569.5	26570.7	26569.5	25489.9	23472.2	20763.0	17972.4	14660.9	11410.8



REPORT NUMBER: P627865 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	17037.2	18553.9	19384.9	19530.1	19384.9	18553.9	17037.2	14995.0	12786.5	10370.2	7922.0
-25°	11482.7	12593.9	13305.4	13316.9	13305.4	12593.9	11482.7	9987.5	8299.3	6830.3	5178.8
-27.5°	7144.4	7795.3	8181.0	8211.7	8181.0	7795.3	7144.4	6239.8	5076.1	4422.7	3597.4
-30°	4379.0	4640.0	4762.6	4733.5	4762.6	4640.0	4379.0	3975.0	3447.2	3055.2	2676.2
-32.5°	2956.3	3084.2	3153.0	3162.7	3153.0	3084.2	2956.3	2771.8	2522.1	2293.6	2116.4
-35°	2216.5	2279.0	2311.5	2314.2	2311.5	2279.0	2216.5	2122.9	2001.3	1869.6	1765.9
-37.5°	1791.8	1824.6	1839.3	1830.3	1839.3	1824.6	1791.8	1742.5	1676.0	1593.1	1529.3
-40°	1523.4	1541.5	1553.0	1563.8	1553.0	1541.5	1523.4	1494.9	1455.8	1408.5	1364.7
-42.5°	1336.3	1345.1	1350.0	1353.4	1350.0	1345.1	1336.3	1320.9	1299.1	1271.2	1242.8
-45°	1204.3	1208.4	1208.9	1206.2	1208.9	1208.4	1204.3	1195.7	1183.7	1168.6	1151.2
-47.5°	1103.1	1104.5	1103.9	1101.0	1103.9	1104.5	1103.1	1098.7	1092.4	1083.6	1071.6
-50°	1019.8	1016.4	1013.2	1009.8	1013.2	1016.4	1019.8	1020.8	1019.2	1014.1	1005.7
-52.5°	957.2	953.5	950.2	946.7	950.2	953.5	957.2	958.5	956.9	952.0	945.1
-55°	899.2	896.9	894.2	890.6	894.2	896.9	899.2	899.5	897.7	894.7	890.2
-57.5°	847.8	847.1	847.8	848.5	847.8	847.1	847.8	847.2	845.2	842.9	838.7
-60°	795.8	796.6	798.5	799.4	798.5	796.6	795.8	793.1	788.5	783.3	777.9
-62.5°	718.5	719.4	724.4	729.3	724.4	719.4	718.5	715.8	711.2	707.3	703.0
-65°	635.4	635.7	640.5	645.2	640.5	635.7	635.4	633.4	629.4	625.4	621.0
-67.5°	557.1	558.5	563.5	568.0	563.5	558.5	557.1	554.5	551.0	547.6	544.2
-70°	483.1	482.1	486.6	490.9	486.6	482.1	483.1	482.9	481.6	479.3	475.9
-72.5°	413.3	412.1	413.2	413.7	413.2	412.1	413.3	413.3	412.1	409.8	406.7
-75°	341.9	342.1	343.2	343.6	343.2	342.1	341.9	340.8	339.0	336.6	334.4
-77.5°	272.3	272.2	273.2	273.5	273.2	272.2	272.3	271.8	270.5	268.6	265.6
-80°	203.0	202.5	203.2	203.4	203.2	202.5	203.0	202.9	202.2	200.8	197.7
-82.5°	138.7	139.6	140.1	140.3	140.1	139.6	138.7	137.4	135.8	133.9	133.3
-85°	76.3	76.7	77.0	77.1	77.0	76.7	76.3	75.6	74.8	73.8	74.2
-87.5°	27.9	28.0	28.1	28.1	28.1	28.0	27.9	27.7	27.4	27.1	26.8
-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: P627865 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	26.4	26.0	25.5	24.9	24.3	23.7	23.0	22.3	21.5	20.7	19.9
85°	74.3	74.2	73.7	71.5	69.1	66.6	63.9	61.0	57.9	54.7	51.3
82.5°	132.4	131.2	129.4	124.6	119.6	114.7	109.7	105.4	100.8	95.9	90.8
80°	194.2	190.5	186.5	180.7	174.3	167.1	159.3	152.0	144.3	137.1	130.3
77.5°	261.7	256.9	250.9	243.4	235.2	226.4	216.9	207.2	197.6	187.5	176.8
75°	331.2	326.8	320.4	311.3	301.5	290.8	278.9	265.6	252.3	238.9	225.8
72.5°	402.5	397.4	390.1	379.7	367.8	355.2	341.6	326.4	309.8	291.6	275.1
70°	471.4	465.9	458.9	449.4	437.6	423.7	407.4	389.7	371.1	351.5	331.4
67.5°	539.2	532.3	524.9	516.4	506.0	493.0	475.6	455.1	433.6	411.4	388.2
65°	614.5	605.7	596.1	587.1	576.1	562.8	545.1	525.3	501.7	474.4	445.0
62.5°	696.8	688.7	674.9	660.3	645.9	630.4	610.4	588.9	567.1	542.0	507.0
60°	772.1	764.7	746.8	728.9	711.4	692.4	669.8	646.9	624.1	596.5	564.6
57.5°	832.3	820.8	804.0	786.9	769.6	746.6	722.5	699.7	674.7	648.1	618.4
55°	884.0	871.1	853.9	835.4	815.4	792.5	768.4	742.8	718.8	696.9	666.4
52.5°	936.6	920.5	901.9	881.9	859.8	835.2	809.5	782.6	759.2	736.5	710.9
50°	993.9	973.4	951.2	927.9	904.3	877.7	849.8	821.3	798.8	775.2	749.5
47.5°	1055.4	1031.2	1004.8	978.4	951.0	922.2	892.0	861.3	836.6	812.3	785.7
45°	1127.6	1096.9	1063.0	1032.6	1000.2	968.4	935.9	904.1	873.1	845.7	820.1
42.5°	1211.5	1174.9	1136.3	1094.8	1053.1	1016.6	980.0	945.8	911.3	878.4	848.8
40°	1316.9	1263.6	1218.6	1167.4	1118.0	1068.1	1028.1	986.9	949.2	911.9	877.9
37.5°	1456.0	1381.5	1316.9	1250.3	1191.1	1132.0	1080.5	1033.8	986.9	946.8	908.6
35°	1643.6	1539.4	1438.0	1352.1	1272.6	1202.9	1137.7	1082.8	1031.1	982.1	939.3
32.5°	1909.2	1756.5	1593.8	1477.8	1368.5	1278.1	1201.4	1133.2	1074.0	1020.1	971.1
30°	2325.9	2056.6	1825.6	1629.5	1488.3	1365.2	1266.1	1186.1	1116.6	1056.6	1002.1
27.5°	3005.0	2456.3	2136.6	1843.3	1625.3	1471.5	1342.9	1238.5	1158.0	1092.3	1032.8
25°	4106.4	3180.3	2533.2	2127.9	1811.9	1584.8	1425.6	1301.3	1202.7	1124.6	1054.5
22.5°	5719.7	4274.1	3160.8	2454.2	2040.5	1739.7	1523.5	1363.1	1242.7	1152.2	1076.1
20°	8263.9	5684.6	4074.8	2982.8	2309.0	1888.4	1627.2	1435.7	1291.7	1182.0	1095.1
17.5°	11311.1	7866.1	5109.9	3552.0	2657.0	2102.9	1748.3	1505.4	1335.0	1208.9	1111.2
15°	14381.9	10147.8	6700.4	4377.2	3036.6	2290.5	1852.4	1565.6	1377.3	1238.4	1131.4
12.5°	17773.2	12592.4	8111.5	5059.4	3427.7	2516.6	1985.1	1646.7	1423.6	1267.8	1150.8
10°	20702.5	14875.9	9807.8	6152.5	3942.2	2753.7	2106.9	1716.2	1462.2	1291.6	1166.0
7.5°	23340.0	16826.7	11230.4	7005.4	4341.3	2941.7	2204.5	1771.6	1491.2	1309.1	1176.7
5°	25211.9	18317.6	12374.7	7650.0	4626.7	3072.0	2272.4	1810.7	1510.3	1320.0	1182.9
2.5°	26379.7	19214.7	13121.0	8032.6	4766.4	3143.3	2315.0	1833.0	1526.5	1332.1	1186.4
0°	26486.6	19151.4	13225.7	8218.8	4677.4	3155.7	2335.2	1837.3	1535.8	1339.4	1185.1
-2.5°	26379.7	19214.7	13121.0	8032.6	4766.4	3143.3	2315.0	1833.0	1526.5	1332.1	1186.4
-5°	25211.9	18317.6	12374.7	7650.0	4626.7	3072.0	2272.4	1810.7	1510.3	1320.0	1182.9
-7.5°	23340.0	16826.7	11230.4	7005.4	4341.3	2941.7	2204.5	1771.6	1491.2	1309.1	1176.7
-10°	20702.5	14875.9	9807.8	6152.5	3942.2	2753.7	2106.9	1716.2	1462.2	1291.6	1166.0
-12.5°	17773.2	12592.4	8111.5	5059.4	3427.7	2516.6	1985.1	1646.7	1423.6	1267.8	1150.8
-15°	14381.9	10147.8	6700.4	4377.2	3036.6	2290.5	1852.4	1565.6	1377.3	1238.4	1131.4
-17.5°	11311.1	7866.1	5109.9	3552.0	2657.0	2102.9	1748.3	1505.4	1335.0	1208.9	1111.2
-20°	8263.9	5684.6	4074.8	2982.8	2309.0	1888.4	1627.2	1435.7	1291.7	1182.0	1095.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627865 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	5719.7	4274.1	3160.8	2454.2	2040.5	1739.7	1523.5	1363.1	1242.7	1152.2	1076.1
-25°	4106.4	3180.3	2533.2	2127.9	1811.9	1584.8	1425.6	1301.3	1202.7	1124.6	1054.5
-27.5°	3005.0	2456.3	2136.6	1843.3	1625.3	1471.5	1342.9	1238.5	1158.0	1092.3	1032.8
-30°	2325.9	2056.6	1825.6	1629.5	1488.3	1365.2	1266.1	1186.1	1116.6	1056.6	1002.1
-32.5°	1909.2	1756.5	1593.8	1477.8	1368.5	1278.1	1201.4	1133.2	1074.0	1020.1	971.1
-35°	1643.6	1539.4	1438.0	1352.1	1272.6	1202.9	1137.7	1082.8	1031.1	982.1	939.3
-37.5°	1456.0	1381.5	1316.9	1250.3	1191.1	1132.0	1080.5	1033.8	986.9	946.8	908.6
-40°	1316.9	1263.6	1218.6	1167.4	1118.0	1068.1	1028.1	986.9	949.2	911.9	877.9
-42.5°	1211.5	1174.9	1136.3	1094.8	1053.1	1016.6	980.0	945.8	911.3	878.4	848.8
-45°	1127.6	1096.9	1063.0	1032.6	1000.2	968.4	935.9	904.1	873.1	845.7	820.1
-47.5°	1055.4	1031.2	1004.8	978.4	951.0	922.2	892.0	861.3	836.6	812.3	785.7
-50°	993.9	973.4	951.2	927.9	904.3	877.7	849.8	821.3	798.8	775.2	749.5
-52.5°	936.6	920.5	901.9	881.9	859.8	835.2	809.5	782.6	759.2	736.5	710.9
-55°	884.0	871.1	853.9	835.4	815.4	792.5	768.4	742.8	718.8	696.9	666.4
-57.5°	832.3	820.8	804.0	786.9	769.6	746.6	722.5	699.7	674.7	648.1	618.4
-60°	772.1	764.7	746.8	728.9	711.4	692.4	669.8	646.9	624.1	596.5	564.6
-62.5°	696.8	688.7	674.9	660.3	645.9	630.4	610.4	588.9	567.1	542.0	507.0
-65°	614.5	605.7	596.1	587.1	576.1	562.8	545.1	525.3	501.7	474.4	445.0
-67.5°	539.2	532.3	524.9	516.4	506.0	493.0	475.6	455.1	433.6	411.4	388.2
-70°	471.4	465.9	458.9	449.4	437.6	423.7	407.4	389.7	371.1	351.5	331.4
-72.5°	402.5	397.4	390.1	379.7	367.8	355.2	341.6	326.4	309.8	291.6	275.1
-75°	331.2	326.8	320.4	311.3	301.5	290.8	278.9	265.6	252.3	238.9	225.8
-77.5°	261.7	256.9	250.9	243.4	235.2	226.4	216.9	207.2	197.6	187.5	176.8
-80°	194.2	190.5	186.5	180.7	174.3	167.1	159.3	152.0	144.3	137.1	130.3
-82.5°	132.4	131.2	129.4	124.6	119.6	114.7	109.7	105.4	100.8	95.9	90.8
-85°	74.3	74.2	73.7	71.5	69.1	66.6	63.9	61.0	57.9	54.7	51.3
-87.5°	26.4	26.0	25.5	24.9	24.3	23.7	23.0	22.3	21.5	20.7	19.9
-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: P627865 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	19.0	18.1	17.1	16.1	15.1	14.0	13.0	11.9	10.8	9.6	8.4
85°	47.7	44.1	40.2	36.3	32.2	28.1	25.9	23.7	21.5	19.2	16.9
82.5°	85.5	80.0	74.3	68.3	62.2	56.0	49.5	42.9	36.0	29.3	25.3
80°	123.2	115.8	108.2	100.4	92.4	83.8	75.2	66.3	56.5	47.0	38.1
77.5°	165.8	154.2	142.3	132.4	123.3	113.3	102.4	90.1	76.7	64.6	53.0
75°	212.4	198.5	184.2	170.0	156.5	142.8	130.4	116.0	99.2	82.2	67.7
72.5°	260.5	244.5	227.1	209.4	193.3	176.8	159.8	141.6	122.4	102.9	83.1
70°	311.4	291.6	272.2	252.1	231.4	210.7	191.0	169.1	145.3	123.3	101.0
67.5°	364.2	340.6	317.4	294.5	271.1	247.0	222.4	196.8	170.3	143.4	118.6
65°	418.2	390.4	362.0	336.5	310.3	283.4	255.9	224.7	194.9	165.3	135.9
62.5°	473.2	440.9	409.5	378.6	349.0	319.2	288.4	253.4	219.3	186.8	154.2
60°	528.6	491.5	456.1	421.6	387.6	354.5	319.7	281.3	244.0	207.8	172.7
57.5°	581.6	540.8	500.5	462.8	425.9	389.2	350.3	308.8	267.9	228.7	190.7
55°	633.2	591.4	544.2	501.3	462.1	423.0	379.9	335.9	291.3	248.9	208.1
52.5°	678.7	637.1	588.1	539.1	495.1	454.2	408.0	362.2	314.9	268.4	225.1
50°	719.9	677.8	628.6	576.8	526.8	481.4	434.9	386.6	337.8	287.5	241.5
47.5°	755.5	715.1	666.5	612.4	558.9	507.6	459.4	409.6	359.9	307.0	257.3
45°	787.7	750.9	702.8	647.3	588.8	534.2	482.4	431.4	379.4	326.0	272.5
42.5°	817.7	782.1	738.1	681.4	619.0	559.8	504.4	451.4	397.7	343.9	287.7
40°	844.9	809.3	771.1	713.4	647.8	583.7	526.0	470.3	414.9	360.3	302.4
37.5°	871.8	835.0	795.3	743.1	674.7	608.2	546.2	488.2	431.5	375.0	316.2
35°	899.4	859.9	816.7	766.6	700.4	630.7	564.7	505.0	447.1	388.8	329.1
32.5°	925.9	882.4	836.2	786.4	724.3	651.2	582.8	521.3	461.6	401.6	341.0
30°	951.9	900.8	853.6	806.6	745.3	671.2	600.5	536.5	475.2	413.6	351.8
27.5°	971.7	916.9	868.8	822.4	762.8	689.8	617.7	550.4	487.7	424.6	361.4
25°	989.5	932.3	881.9	835.0	780.1	708.9	633.5	563.3	499.0	434.6	370.1
22.5°	1007.3	945.7	892.9	845.7	796.4	726.1	648.4	576.1	509.3	443.7	377.9
20°	1022.7	956.5	901.9	855.6	807.3	739.5	662.4	587.4	518.4	451.7	384.9
17.5°	1035.9	967.6	911.4	863.6	814.9	750.9	674.6	597.3	526.3	458.6	390.9
15°	1049.3	979.0	919.5	869.8	821.4	760.2	685.0	605.8	533.0	464.5	396.5
12.5°	1060.7	987.4	925.8	874.3	826.9	767.5	693.6	612.7	538.4	470.0	401.7
10°	1069.7	993.0	930.2	877.1	831.1	772.8	700.3	619.1	545.0	475.0	406.0
7.5°	1076.0	995.8	932.8	878.3	834.2	777.5	706.9	626.2	550.8	478.9	409.4
5°	1080.2	997.0	934.4	880.9	836.0	781.9	711.6	631.7	555.4	481.7	411.8
2.5°	1085.2	997.6	934.5	882.9	836.0	784.5	714.4	635.7	558.9	483.3	413.2
0°	1087.0	995.8	932.7	883.6	834.5	785.4	715.3	638.1	561.0	483.9	413.7
-2.5°	1085.2	997.6	934.5	882.9	836.0	784.5	714.4	635.7	558.9	483.3	413.2
-5°	1080.2	997.0	934.4	880.9	836.0	781.9	711.6	631.7	555.4	481.7	411.8
-7.5°	1076.0	995.8	932.8	878.3	834.2	777.5	706.9	626.2	550.8	478.9	409.4
-10°	1069.7	993.0	930.2	877.1	831.1	772.8	700.3	619.1	545.0	475.0	406.0
-12.5°	1060.7	987.4	925.8	874.3	826.9	767.5	693.6	612.7	538.4	470.0	401.7
-15°	1049.3	979.0	919.5	869.8	821.4	760.2	685.0	605.8	533.0	464.5	396.5
-17.5°	1035.9	967.6	911.4	863.6	814.9	750.9	674.6	597.3	526.3	458.6	390.9
-20°	1022.7	956.5	901.9	855.6	807.3	739.5	662.4	587.4	518.4	451.7	384.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627865 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	1007.3	945.7	892.9	845.7	796.4	726.1	648.4	576.1	509.3	443.7	377.9
-25°	989.5	932.3	881.9	835.0	780.1	708.9	633.5	563.3	499.0	434.6	370.1
-27.5°	971.7	916.9	868.8	822.4	762.8	689.8	617.7	550.4	487.7	424.6	361.4
-30°	951.9	900.8	853.6	806.6	745.3	671.2	600.5	536.5	475.2	413.6	351.8
-32.5°	925.9	882.4	836.2	786.4	724.3	651.2	582.8	521.3	461.6	401.6	341.0
-35°	899.4	859.9	816.7	766.6	700.4	630.7	564.7	505.0	447.1	388.8	329.1
-37.5°	871.8	835.0	795.3	743.1	674.7	608.2	546.2	488.2	431.5	375.0	316.2
-40°	844.9	809.3	771.1	713.4	647.8	583.7	526.0	470.3	414.9	360.3	302.4
-42.5°	817.7	782.1	738.1	681.4	619.0	559.8	504.4	451.4	397.7	343.9	287.7
-45°	787.7	750.9	702.8	647.3	588.8	534.2	482.4	431.4	379.4	326.0	272.5
-47.5°	755.5	715.1	666.5	612.4	558.9	507.6	459.4	409.6	359.9	307.0	257.3
-50°	719.9	677.8	628.6	576.8	526.8	481.4	434.9	386.6	337.8	287.5	241.5
-52.5°	678.7	637.1	588.1	539.1	495.1	454.2	408.0	362.2	314.9	268.4	225.1
-55°	633.2	591.4	544.2	501.3	462.1	423.0	379.9	335.9	291.3	248.9	208.1
-57.5°	581.6	540.8	500.5	462.8	425.9	389.2	350.3	308.8	267.9	228.7	190.7
-60°	528.6	491.5	456.1	421.6	387.6	354.5	319.7	281.3	244.0	207.8	172.7
-62.5°	473.2	440.9	409.5	378.6	349.0	319.2	288.4	253.4	219.3	186.8	154.2
-65°	418.2	390.4	362.0	336.5	310.3	283.4	255.9	224.7	194.9	165.3	135.9
-67.5°	364.2	340.6	317.4	294.5	271.1	247.0	222.4	196.8	170.3	143.4	118.6
-70°	311.4	291.6	272.2	252.1	231.4	210.7	191.0	169.1	145.3	123.3	101.0
-72.5°	260.5	244.5	227.1	209.4	193.3	176.8	159.8	141.6	122.4	102.9	83.1
-75°	212.4	198.5	184.2	170.0	156.5	142.8	130.4	116.0	99.2	82.2	67.7
-77.5°	165.8	154.2	142.3	132.4	123.3	113.3	102.4	90.1	76.7	64.6	53.0
-80°	123.2	115.8	108.2	100.4	92.4	83.8	75.2	66.3	56.5	47.0	38.1
-82.5°	85.5	80.0	74.3	68.3	62.2	56.0	49.5	42.9	36.0	29.3	25.3
-85°	47.7	44.1	40.2	36.3	32.2	28.1	25.9	23.7	21.5	19.2	16.9
-87.5°	19.0	18.1	17.1	16.1	15.1	14.0	13.0	11.9	10.8	9.6	8.4
-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: P627865 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-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°	7.3	6.1	4.9	3.7	2.4	1.2	0.0
85°	14.5	12.1	9.7	7.3	4.9	2.4	0.0
82.5°	21.8	18.2	14.6	11.0	7.3	3.7	0.0
80°	29.6	24.2	19.4	14.6	9.7	4.9	0.0
77.5°	42.0	31.7	24.2	18.2	12.1	6.1	0.0
75°	54.4	42.0	29.6	21.8	14.5	7.3	0.0
72.5°	66.6	52.2	37.8	25.3	16.9	8.4	0.0
70°	79.1	62.3	45.8	29.3	19.2	9.6	0.0
67.5°	94.4	72.2	53.8	35.2	21.5	10.8	0.0
65°	109.5	83.4	61.6	41.1	23.7	11.9	0.0
62.5°	124.2	95.7	69.2	46.8	25.9	13.0	0.0
60°	138.7	107.8	76.7	52.4	28.1	14.0	0.0
57.5°	153.8	119.5	86.0	57.9	31.7	15.1	0.0
55°	168.6	131.0	95.2	63.3	35.3	16.1	0.0
52.5°	182.9	142.2	104.1	68.4	38.7	17.1	0.0
50°	196.6	153.5	112.7	73.4	42.0	18.1	0.0
47.5°	209.7	164.3	121.0	78.6	45.3	19.0	0.0
45°	222.7	174.6	129.0	84.6	48.4	19.9	0.0
42.5°	235.1	184.4	136.6	90.3	51.3	20.7	0.0
40°	247.0	193.7	144.0	95.7	54.1	21.5	0.0
37.5°	258.2	202.4	151.0	100.7	56.8	22.3	0.0
35°	268.8	210.9	157.6	105.4	59.3	23.0	0.0
32.5°	278.9	219.2	163.7	109.8	61.7	23.7	0.0
30°	288.4	226.9	169.3	113.7	63.9	24.3	0.0
27.5°	297.0	234.0	174.4	117.3	66.0	24.9	0.0
25°	304.9	240.5	179.1	120.6	67.9	25.5	0.0
22.5°	311.8	246.3	183.5	123.5	69.6	26.0	0.0
20°	318.0	251.4	187.5	126.0	71.2	26.4	0.0
17.5°	323.6	255.8	191.1	128.1	72.6	26.8	0.0
15°	328.6	259.4	194.2	129.9	73.8	27.1	0.0
12.5°	333.1	262.3	197.0	131.3	74.8	27.4	0.0
10°	336.8	264.5	199.2	132.4	75.6	27.7	0.0
7.5°	339.7	266.0	201.0	133.1	76.3	27.9	0.0
5°	341.8	266.8	202.3	133.5	76.7	28.0	0.0
2.5°	343.2	267.0	203.1	133.5	77.0	28.1	0.0
0°	343.6	266.5	203.4	133.2	77.1	28.1	0.0
-2.5°	343.2	267.0	203.1	133.5	77.0	28.1	0.0
-5°	341.8	266.8	202.3	133.5	76.7	28.0	0.0
-7.5°	339.7	266.0	201.0	133.1	76.3	27.9	0.0
-10°	336.8	264.5	199.2	132.4	75.6	27.7	0.0
-12.5°	333.1	262.3	197.0	131.3	74.8	27.4	0.0
-15°	328.6	259.4	194.2	129.9	73.8	27.1	0.0
-17.5°	323.6	255.8	191.1	128.1	72.6	26.8	0.0
-20°	318.0	251.4	187.5	126.0	71.2	26.4	0.0

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REPORT NUMBER: P627865 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	311.8	246.3	183.5	123.5	69.6	26.0	0.0
-25°	304.9	240.5	179.1	120.6	67.9	25.5	0.0
-27.5°	297.0	234.0	174.4	117.3	66.0	24.9	0.0
-30°	288.4	226.9	169.3	113.7	63.9	24.3	0.0
-32.5°	278.9	219.2	163.7	109.8	61.7	23.7	0.0
-35°	268.8	210.9	157.6	105.4	59.3	23.0	0.0
-37.5°	258.2	202.4	151.0	100.7	56.8	22.3	0.0
-40°	247.0	193.7	144.0	95.7	54.1	21.5	0.0
-42.5°	235.1	184.4	136.6	90.3	51.3	20.7	0.0
-45°	222.7	174.6	129.0	84.6	48.4	19.9	0.0
-47.5°	209.7	164.3	121.0	78.6	45.3	19.0	0.0
-50°	196.6	153.5	112.7	73.4	42.0	18.1	0.0
-52.5°	182.9	142.2	104.1	68.4	38.7	17.1	0.0
-55°	168.6	131.0	95.2	63.3	35.3	16.1	0.0
-57.5°	153.8	119.5	86.0	57.9	31.7	15.1	0.0
-60°	138.7	107.8	76.7	52.4	28.1	14.0	0.0
-62.5°	124.2	95.7	69.2	46.8	25.9	13.0	0.0
-65°	109.5	83.4	61.6	41.1	23.7	11.9	0.0
-67.5°	94.4	72.2	53.8	35.2	21.5	10.8	0.0
-70°	79.1	62.3	45.8	29.3	19.2	9.6	0.0
-72.5°	66.6	52.2	37.8	25.3	16.9	8.4	0.0
-75°	54.4	42.0	29.6	21.8	14.5	7.3	0.0
-77.5°	42.0	31.7	24.2	18.2	12.1	6.1	0.0
-80°	29.6	24.2	19.4	14.6	9.7	4.9	0.0
-82.5°	21.8	18.2	14.6	11.0	7.3	3.7	0.0
-85°	14.5	12.1	9.7	7.3	4.9	2.4	0.0
-87.5°	7.3	6.1	4.9	3.7	2.4	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)