

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: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5B-730-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N115
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

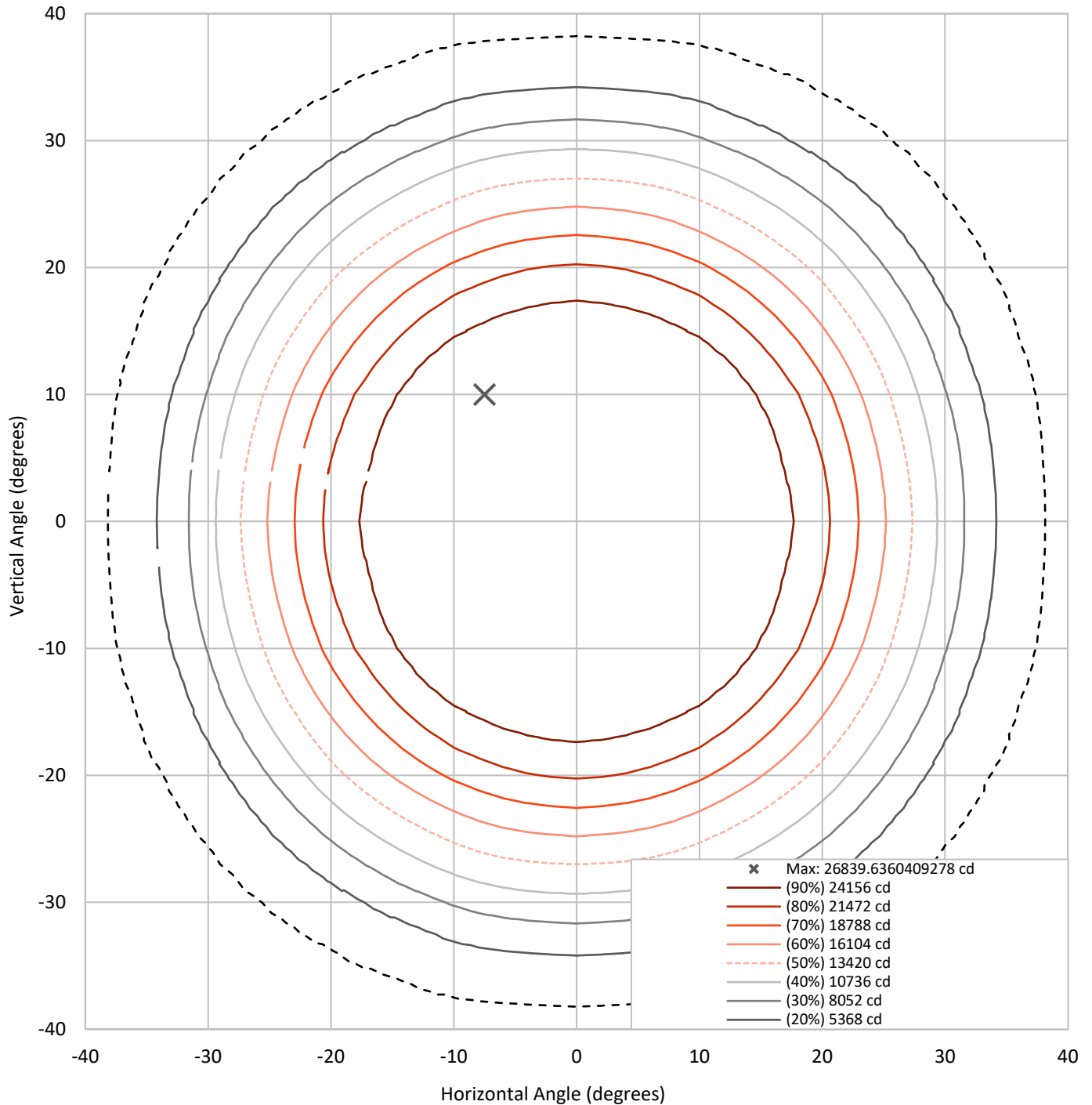
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	22843.1 lumens	Max Intensity:	26839.6 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	143.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	15161.9 lumens	Field Lumens:	19714.8 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





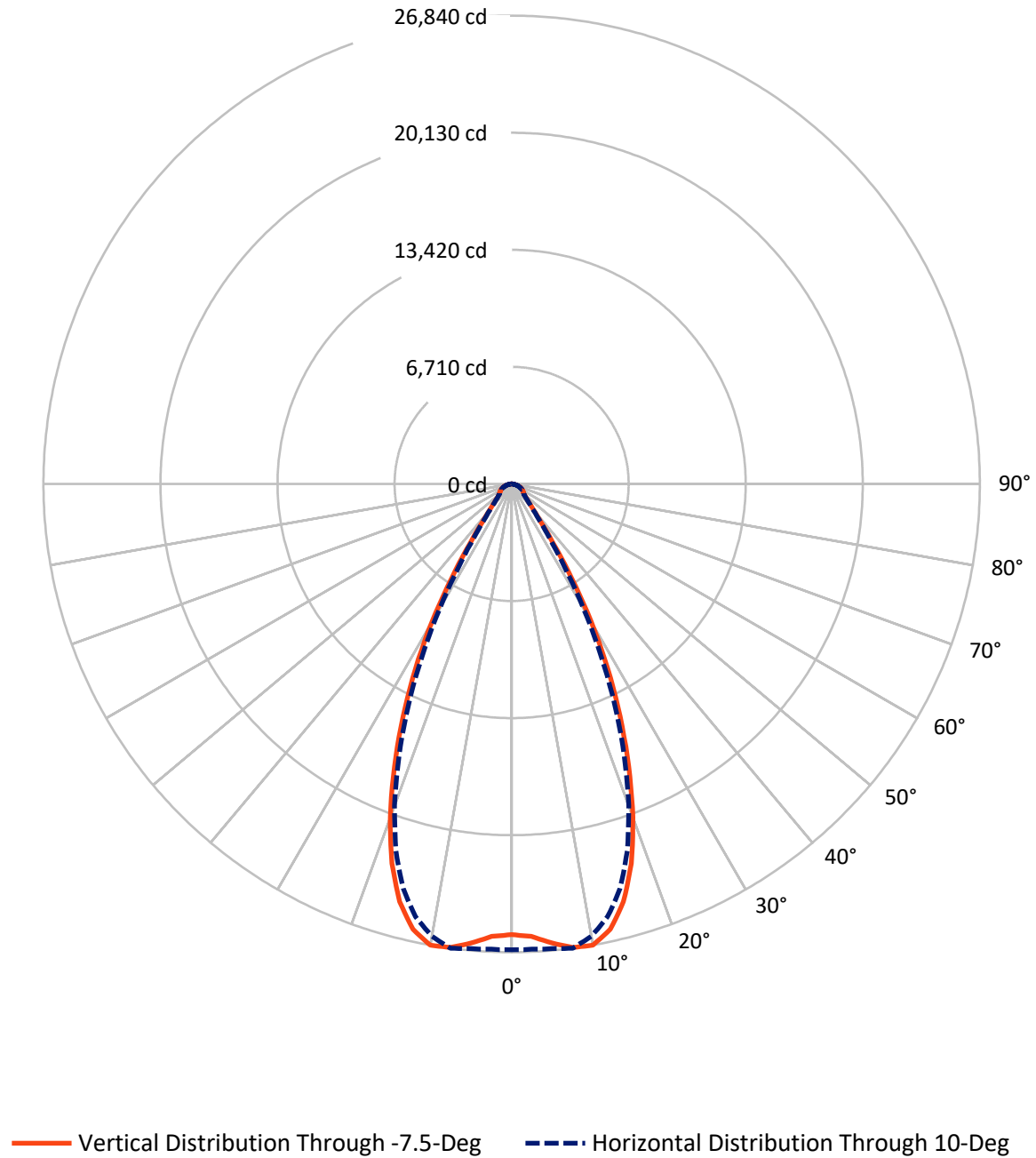
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Lumen Table

90																			
80	0.6	5.4		14.3		22.7		25.3		22.7		14.3		5.4		0.6			
70																			
60	2.4	2.8	5.6	9.1	12.8	15.5	17.5	18.6	18.6	17.5	15.5	12.8	9.1	5.6	2.8	2.4			
50		4.1	8.2	13.2	17.6	21.3	23.9	24.9	24.9	23.9	21.3	17.6	13.2	8.2	4.1				
40	4.3	5.3	10.4	16.0	21.4	27.9	35.1	40.3	40.3	35.1	27.9	21.4	16.0	10.4	5.3	4.3			
30		6.3	12.1	18.4	28.5	51.9	99.4	147.3	147.3	99.4	51.9	28.5	18.4	12.1	6.3				
20	5.6	7.0	13.2	21.5	46.8	146.6	329.0	459.4	459.4	329.0	146.6	46.8	21.5	13.2	7.0	5.6			
10		7.5	13.9	25.5	84.6	312.6	597.0	747.2	747.2	597.0	312.6	84.6	25.5	13.9	7.5				
0	6.0	7.8	14.3	28.7	121.8	427.8	724.3	788.0	788.0	724.3	427.8	121.8	28.7	14.3	7.8	6.0			
-10		7.8	14.3	28.7	121.8	427.8	724.3	788.0	788.0	724.3	427.8	121.8	28.7	14.3	7.8				
-20	5.6	7.5	13.9	25.5	84.6	312.6	597.0	747.2	747.2	597.0	312.6	84.6	25.5	13.9	7.5	5.6			
-30		7.0	13.2	21.5	46.8	146.6	329.0	459.4	459.4	329.0	146.6	46.8	21.5	13.2	7.0				
-40	4.3	6.3	12.1	18.4	28.5	51.9	99.4	147.3	147.3	99.4	51.9	28.5	18.4	12.1	6.3	4.3			
-50		5.3	10.4	16.0	21.4	27.9	35.1	40.3	40.3	35.1	27.9	21.4	16.0	10.4	5.3				
-60	2.4	4.1	8.2	13.2	17.6	21.3	23.9	24.9	24.9	23.9	21.3	17.6	13.2	8.2	4.1	2.4			
-70		2.8	5.6	9.1	12.8	15.5	17.5	18.6	18.6	17.5	15.5	12.8	9.1	5.6	2.8				
-80																			
-90	0.6	5.4		14.3		22.7		25.3		22.7		14.3		5.4		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

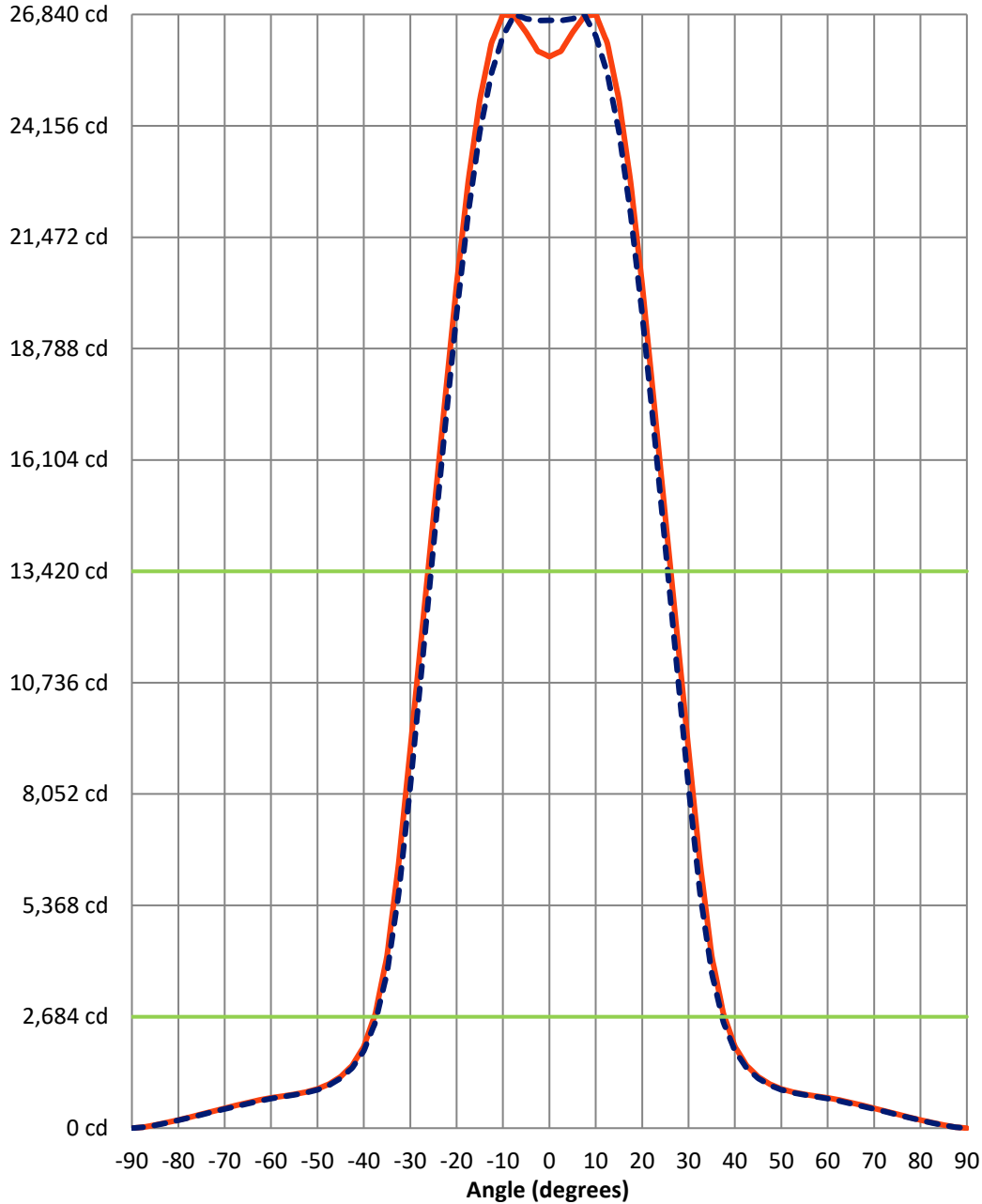
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 15161.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 19714.8
 Efficiency: 86.3%

Spill:
 Lumens: 3128.3
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	7.4	8.8	10.3	11.9
85°	0.0	2.0	4.1	6.1	8.2	10.2	12.2	14.8	17.6	20.6	23.8
82.5°	0.0	3.1	6.1	9.2	12.2	15.2	18.2	22.1	26.9	34.0	40.6
80°	0.0	4.1	8.2	12.2	16.2	20.2	25.1	34.5	43.6	52.2	60.3
77.5°	0.0	5.1	10.2	15.2	20.2	27.3	38.2	49.5	60.2	70.4	81.3
75°	0.0	6.1	12.2	18.2	25.1	38.2	51.2	64.3	77.1	91.9	106.4
72.5°	0.0	7.1	14.1	21.1	33.7	49.0	64.1	79.8	97.2	114.4	131.3
70°	0.0	8.0	16.1	24.7	42.2	59.6	77.1	97.2	117.1	136.7	157.3
67.5°	0.0	9.0	18.0	31.0	50.6	70.1	91.8	114.4	136.7	159.7	183.2
65°	0.0	9.9	19.8	37.2	58.8	81.1	106.1	131.3	156.5	182.3	209.6
62.5°	0.0	10.8	21.7	43.3	66.9	92.6	120.1	148.0	175.8	204.9	237.9
60°	0.0	11.7	23.5	49.2	74.8	103.8	133.7	164.3	194.7	229.5	265.4
57.5°	0.0	12.6	27.3	55.0	83.4	114.8	147.4	180.1	215.1	253.3	291.4
55°	0.0	13.5	30.9	60.6	91.8	125.3	160.8	195.6	235.4	276.3	316.4
52.5°	0.0	14.3	34.5	66.0	99.8	135.6	173.9	212.6	255.0	298.1	340.6
50°	0.0	15.1	37.9	71.3	107.6	146.3	186.7	229.2	273.9	319.2	364.1
47.5°	0.0	15.9	41.2	76.5	115.1	156.7	199.2	245.2	292.0	339.6	386.7
45°	0.0	16.6	44.3	81.9	122.2	166.7	212.2	260.4	309.4	359.2	408.6
42.5°	0.0	17.3	47.3	87.0	129.0	176.3	224.6	274.8	326.1	377.9	429.2
40°	0.0	18.0	50.1	91.7	135.9	185.6	236.3	288.6	341.9	395.9	449.0
37.5°	0.0	18.6	52.7	96.1	143.0	194.4	247.4	301.5	357.2	413.2	468.0
35°	0.0	19.2	55.2	100.2	149.6	203.0	257.7	313.5	371.8	429.3	485.8
32.5°	0.0	19.8	57.5	104.0	155.9	211.1	267.4	324.7	385.6	444.4	501.4
30°	0.0	20.3	59.6	107.6	161.8	218.6	276.4	335.3	398.6	458.2	516.0
27.5°	0.0	20.8	61.5	110.9	167.0	225.6	284.6	345.7	410.5	470.9	529.5
25°	0.0	21.3	63.3	113.9	171.7	231.9	292.0	355.4	420.8	482.1	541.8
22.5°	0.0	21.7	64.9	116.6	176.0	237.5	298.7	364.2	430.1	492.0	553.0
20°	0.0	22.1	66.2	119.0	179.8	242.3	304.7	372.1	438.3	500.9	562.9
17.5°	0.0	22.4	67.4	121.1	183.2	246.5	310.0	379.2	445.4	508.7	571.7
15°	0.0	22.7	68.4	122.8	186.0	250.0	314.8	385.5	451.4	515.3	579.1
12.5°	0.0	22.9	69.2	124.3	188.4	253.0	319.0	391.1	456.7	520.8	585.3
10°	0.0	23.1	69.9	125.5	190.2	255.3	322.5	395.8	461.4	526.0	590.6
7.5°	0.0	23.3	70.3	126.3	191.6	257.0	325.2	399.4	465.0	530.2	595.2
5°	0.0	23.4	70.5	126.8	192.4	258.1	327.2	401.9	467.6	533.1	598.5
2.5°	0.0	23.5	70.6	126.9	192.8	258.5	328.4	403.5	469.2	534.9	600.5
0°	0.0	23.5	70.5	126.8	192.6	258.3	328.8	404.0	469.7	535.5	601.2
-2.5°	0.0	23.5	70.6	126.9	192.8	258.5	328.4	403.5	469.2	534.9	600.5
-5°	0.0	23.4	70.5	126.8	192.4	258.1	327.2	401.9	467.6	533.1	598.5
-7.5°	0.0	23.3	70.3	126.3	191.6	257.0	325.2	399.4	465.0	530.2	595.2
-10°	0.0	23.1	69.9	125.5	190.2	255.3	322.5	395.8	461.4	526.0	590.6
-12.5°	0.0	22.9	69.2	124.3	188.4	253.0	319.0	391.1	456.7	520.8	585.3
-15°	0.0	22.7	68.4	122.8	186.0	250.0	314.8	385.5	451.4	515.3	579.1
-17.5°	0.0	22.4	67.4	121.1	183.2	246.5	310.0	379.2	445.4	508.7	571.7
-20°	0.0	22.1	66.2	119.0	179.8	242.3	304.7	372.1	438.3	500.9	562.9

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CATALOG NUMBER: GFLD-SA5B-730-U-MWR-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	64.9	116.6	176.0	237.5	298.7	364.2	430.1	492.0	553.0
-25°	0.0	21.3	63.3	113.9	171.7	231.9	292.0	355.4	420.8	482.1	541.8
-27.5°	0.0	20.8	61.5	110.9	167.0	225.6	284.6	345.7	410.5	470.9	529.5
-30°	0.0	20.3	59.6	107.6	161.8	218.6	276.4	335.3	398.6	458.2	516.0
-32.5°	0.0	19.8	57.5	104.0	155.9	211.1	267.4	324.7	385.6	444.4	501.4
-35°	0.0	19.2	55.2	100.2	149.6	203.0	257.7	313.5	371.8	429.3	485.8
-37.5°	0.0	18.6	52.7	96.1	143.0	194.4	247.4	301.5	357.2	413.2	468.0
-40°	0.0	18.0	50.1	91.7	135.9	185.6	236.3	288.6	341.9	395.9	449.0
-42.5°	0.0	17.3	47.3	87.0	129.0	176.3	224.6	274.8	326.1	377.9	429.2
-45°	0.0	16.6	44.3	81.9	122.2	166.7	212.2	260.4	309.4	359.2	408.6
-47.5°	0.0	15.9	41.2	76.5	115.1	156.7	199.2	245.2	292.0	339.6	386.7
-50°	0.0	15.1	37.9	71.3	107.6	146.3	186.7	229.2	273.9	319.2	364.1
-52.5°	0.0	14.3	34.5	66.0	99.8	135.6	173.9	212.6	255.0	298.1	340.6
-55°	0.0	13.5	30.9	60.6	91.8	125.3	160.8	195.6	235.4	276.3	316.4
-57.5°	0.0	12.6	27.3	55.0	83.4	114.8	147.4	180.1	215.1	253.3	291.4
-60°	0.0	11.7	23.5	49.2	74.8	103.8	133.7	164.3	194.7	229.5	265.4
-62.5°	0.0	10.8	21.7	43.3	66.9	92.6	120.1	148.0	175.8	204.9	237.9
-65°	0.0	9.9	19.8	37.2	58.8	81.1	106.1	131.3	156.5	182.3	209.6
-67.5°	0.0	9.0	18.0	31.0	50.6	70.1	91.8	114.4	136.7	159.7	183.2
-70°	0.0	8.0	16.1	24.7	42.2	59.6	77.1	97.2	117.1	136.7	157.3
-72.5°	0.0	7.1	14.1	21.1	33.7	49.0	64.1	79.8	97.2	114.4	131.3
-75°	0.0	6.1	12.2	18.2	25.1	38.2	51.2	64.3	77.1	91.9	106.4
-77.5°	0.0	5.1	10.2	15.2	20.2	27.3	38.2	49.5	60.2	70.4	81.3
-80°	0.0	4.1	8.2	12.2	16.2	20.2	25.1	34.5	43.6	52.2	60.3
-82.5°	0.0	3.1	6.1	9.2	12.2	15.2	18.2	22.1	26.9	34.0	40.6
-85°	0.0	2.0	4.1	6.1	8.2	10.2	12.2	14.8	17.6	20.6	23.8
-87.5°	0.0	1.0	2.0	3.1	4.1	5.1	6.1	7.4	8.8	10.3	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	14.1	15.1	16.2	17.2	18.1	19.0	19.9	20.8	21.6	22.4
85°	26.0	28.2	31.9	35.8	39.4	42.9	46.3	49.6	52.7	55.7	58.5
82.5°	46.6	52.7	58.9	65.2	70.7	76.0	81.2	86.6	91.9	97.2	102.4
80°	68.5	77.0	86.7	95.9	104.0	111.6	119.0	126.1	133.9	142.1	150.5
77.5°	93.8	105.9	117.2	127.9	138.1	149.3	160.1	170.5	181.3	192.0	202.2
75°	120.9	134.7	149.2	163.5	177.4	190.9	204.0	217.4	230.9	244.3	257.1
72.5°	148.9	166.4	183.5	200.2	217.4	234.2	250.5	266.1	282.2	298.7	314.5
70°	178.0	198.0	219.0	239.4	258.8	278.4	298.3	317.4	336.1	355.2	374.1
67.5°	207.3	232.4	256.1	278.7	301.6	324.7	347.1	369.9	392.0	414.2	435.4
65°	239.6	267.0	293.0	318.9	344.8	371.9	398.3	423.8	449.5	474.3	496.6
62.5°	271.2	300.4	329.2	358.6	389.5	419.9	448.8	478.1	507.9	533.9	556.4
60°	300.3	332.7	364.9	398.4	432.6	465.4	497.8	529.6	561.6	591.4	609.9
57.5°	328.5	364.3	399.9	436.0	472.1	508.7	542.6	577.6	607.4	632.5	653.9
55°	355.9	394.7	432.7	470.6	509.6	547.8	584.7	617.9	647.0	668.0	688.7
52.5°	382.5	423.5	462.7	503.7	545.1	585.7	624.2	655.1	678.9	700.4	719.7
50°	408.4	450.0	491.5	535.9	579.6	622.5	658.8	685.8	710.0	731.0	751.2
47.5°	432.6	476.0	520.3	567.1	613.0	654.5	687.8	716.0	740.8	763.4	787.3
45°	455.9	502.0	548.8	597.0	644.0	684.1	716.2	746.6	769.8	795.3	822.7
42.5°	478.5	526.9	576.0	625.8	673.3	710.7	742.8	770.7	797.9	828.1	861.2
40°	500.0	550.5	601.6	653.5	700.8	734.0	765.4	795.0	828.1	864.0	902.3
37.5°	520.2	572.6	625.7	679.6	721.1	755.2	787.5	820.4	858.9	900.4	952.5
35°	539.1	593.2	648.1	699.8	739.2	775.5	808.9	845.6	890.6	944.9	1011.5
32.5°	556.6	612.2	668.7	716.2	756.0	793.7	827.9	873.8	927.8	992.4	1086.8
30°	572.7	629.6	686.4	732.3	771.1	808.9	850.7	902.3	965.5	1059.8	1180.6
27.5°	587.6	645.5	700.2	745.7	784.6	823.6	872.4	935.0	1018.2	1130.8	1280.9
25°	601.3	660.6	713.5	756.9	797.2	840.4	893.5	963.8	1073.2	1218.6	1421.5
22.5°	613.7	674.3	726.2	766.6	808.9	855.7	917.6	1005.6	1131.8	1301.5	1563.2
20°	624.8	684.6	735.7	775.7	819.7	868.4	939.1	1045.2	1197.4	1417.3	1751.3
17.5°	634.6	693.7	742.8	784.6	830.3	882.8	960.1	1079.6	1255.7	1518.3	1941.4
15°	642.9	701.4	748.8	792.1	839.5	899.2	989.3	1124.5	1323.5	1623.3	2107.1
12.5°	649.8	707.8	753.7	798.2	847.1	913.0	1014.2	1166.9	1393.8	1752.3	2351.3
10°	655.3	712.8	757.5	803.0	853.0	924.0	1034.5	1201.5	1452.1	1864.1	2559.6
7.5°	660.3	716.4	760.1	806.4	857.2	932.2	1049.9	1228.2	1496.8	1951.8	2724.5
5°	664.0	718.7	761.5	808.3	860.8	937.6	1060.4	1246.7	1527.7	2014.6	2840.5
2.5°	666.3	719.4	761.8	808.8	863.4	940.0	1065.8	1256.9	1551.9	2044.3	2902.8
0°	667.0	718.7	760.9	807.9	864.3	939.4	1066.2	1258.8	1564.1	2043.3	2912.2
-2.5°	666.3	719.4	761.8	808.8	863.4	940.0	1065.8	1256.9	1551.9	2044.3	2902.8
-5°	664.0	718.7	761.5	808.3	860.8	937.6	1060.4	1246.7	1527.7	2014.6	2840.5
-7.5°	660.3	716.4	760.1	806.4	857.2	932.2	1049.9	1228.2	1496.8	1951.8	2724.5
-10°	655.3	712.8	757.5	803.0	853.0	924.0	1034.5	1201.5	1452.1	1864.1	2559.6
-12.5°	649.8	707.8	753.7	798.2	847.1	913.0	1014.2	1166.9	1393.8	1752.3	2351.3
-15°	642.9	701.4	748.8	792.1	839.5	899.2	989.3	1124.5	1323.5	1623.3	2107.1
-17.5°	634.6	693.7	742.8	784.6	830.3	882.8	960.1	1079.6	1255.7	1518.3	1941.4
-20°	624.8	684.6	735.7	775.7	819.7	868.4	939.1	1045.2	1197.4	1417.3	1751.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	613.7	674.3	726.2	766.6	808.9	855.7	917.6	1005.6	1131.8	1301.5	1563.2
-25°	601.3	660.6	713.5	756.9	797.2	840.4	893.5	963.8	1073.2	1218.6	1421.5
-27.5°	587.6	645.5	700.2	745.7	784.6	823.6	872.4	935.0	1018.2	1130.8	1280.9
-30°	572.7	629.6	686.4	732.3	771.1	808.9	850.7	902.3	965.5	1059.8	1180.6
-32.5°	556.6	612.2	668.7	716.2	756.0	793.7	827.9	873.8	927.8	992.4	1086.8
-35°	539.1	593.2	648.1	699.8	739.2	775.5	808.9	845.6	890.6	944.9	1011.5
-37.5°	520.2	572.6	625.7	679.6	721.1	755.2	787.5	820.4	858.9	900.4	952.5
-40°	500.0	550.5	601.6	653.5	700.8	734.0	765.4	795.0	828.1	864.0	902.3
-42.5°	478.5	526.9	576.0	625.8	673.3	710.7	742.8	770.7	797.9	828.1	861.2
-45°	455.9	502.0	548.8	597.0	644.0	684.1	716.2	746.6	769.8	795.3	822.7
-47.5°	432.6	476.0	520.3	567.1	613.0	654.5	687.8	716.0	740.8	763.4	787.3
-50°	408.4	450.0	491.5	535.9	579.6	622.5	658.8	685.8	710.0	731.0	751.2
-52.5°	382.5	423.5	462.7	503.7	545.1	585.7	624.2	655.1	678.9	700.4	719.7
-55°	355.9	394.7	432.7	470.6	509.6	547.8	584.7	617.9	647.0	668.0	688.7
-57.5°	328.5	364.3	399.9	436.0	472.1	508.7	542.6	577.6	607.4	632.5	653.9
-60°	300.3	332.7	364.9	398.4	432.6	465.4	497.8	529.6	561.6	591.4	609.9
-62.5°	271.2	300.4	329.2	358.6	389.5	419.9	448.8	478.1	507.9	533.9	556.4
-65°	239.6	267.0	293.0	318.9	344.8	371.9	398.3	423.8	449.5	474.3	496.6
-67.5°	207.3	232.4	256.1	278.7	301.6	324.7	347.1	369.9	392.0	414.2	435.4
-70°	178.0	198.0	219.0	239.4	258.8	278.4	298.3	317.4	336.1	355.2	374.1
-72.5°	148.9	166.4	183.5	200.2	217.4	234.2	250.5	266.1	282.2	298.7	314.5
-75°	120.9	134.7	149.2	163.5	177.4	190.9	204.0	217.4	230.9	244.3	257.1
-77.5°	93.8	105.9	117.2	127.9	138.1	149.3	160.1	170.5	181.3	192.0	202.2
-80°	68.5	77.0	86.7	95.9	104.0	111.6	119.0	126.1	133.9	142.1	150.5
-82.5°	46.6	52.7	58.9	65.2	70.7	76.0	81.2	86.6	91.9	97.2	102.4
-85°	26.0	28.2	31.9	35.8	39.4	42.9	46.3	49.6	52.7	55.7	58.5
-87.5°	13.0	14.1	15.1	16.2	17.2	18.1	19.0	19.9	20.8	21.6	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: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-U-MWR-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°	23.1	22.8	22.4	21.9	21.3	22.8	24.3	25.8	27.2	26.4	25.5
85°	61.2	62.5	63.7	64.7	65.5	68.4	71.3	73.9	76.3	76.3	76.0
82.5°	107.6	111.0	114.0	116.7	119.1	122.4	125.5	128.2	130.4	132.1	133.5
80°	158.5	164.2	169.0	173.4	177.3	181.8	186.0	189.7	192.9	194.7	195.8
77.5°	212.4	220.6	227.9	234.9	241.5	248.1	254.1	259.5	264.1	265.2	264.9
75°	269.3	280.4	290.7	300.3	309.2	316.8	323.2	328.6	333.1	335.3	336.4
72.5°	329.4	343.0	355.2	366.2	375.6	383.4	390.2	396.1	401.0	404.2	406.1
70°	392.0	408.1	420.6	430.9	439.0	446.8	455.5	463.9	471.7	476.1	477.8
67.5°	454.8	471.5	483.0	492.4	499.8	507.5	518.5	528.4	537.2	543.2	547.0
65°	516.3	533.8	545.4	554.4	561.2	568.9	581.2	591.0	598.5	604.4	609.8
62.5°	577.1	594.7	607.5	618.2	628.1	636.6	646.7	655.0	661.4	667.3	673.9
60°	629.7	650.7	664.1	675.0	687.2	700.4	707.8	714.0	719.4	724.1	728.2
57.5°	672.7	691.4	708.7	721.7	734.4	746.6	755.4	761.2	766.0	769.5	770.9
55°	708.7	728.0	747.2	761.3	773.9	785.3	795.0	802.6	808.8	813.8	814.9
52.5°	740.9	762.6	781.5	797.8	814.3	827.9	838.5	848.8	857.8	865.0	868.2
50°	776.0	798.7	822.3	844.1	861.7	877.2	890.1	904.6	919.9	932.6	940.6
47.5°	812.9	839.0	867.5	894.4	915.2	938.1	959.5	981.1	1009.6	1033.5	1051.3
45°	851.5	885.0	917.5	951.7	980.5	1023.7	1063.7	1098.1	1143.8	1185.3	1218.3
42.5°	897.0	938.8	978.7	1033.5	1090.8	1149.7	1213.4	1267.7	1339.2	1412.0	1470.7
40°	951.0	1004.4	1074.7	1148.2	1238.7	1319.8	1429.7	1527.6	1637.3	1776.0	1890.5
37.5°	1015.9	1098.3	1196.0	1298.5	1439.7	1574.5	1756.2	1947.7	2121.5	2388.2	2612.6
35°	1100.3	1215.4	1344.2	1525.6	1725.3	1978.0	2261.5	2631.4	2948.6	3398.5	3828.5
32.5°	1209.1	1357.0	1567.3	1847.3	2142.6	2601.3	3051.1	3693.4	4288.1	5001.2	5770.8
30°	1330.1	1555.3	1876.5	2260.6	2811.4	3486.3	4279.2	5265.6	6345.1	7347.4	8335.1
27.5°	1505.5	1828.1	2250.1	2869.8	3728.3	4672.5	6061.8	7400.8	8797.8	10039.6	11075.2
25°	1710.2	2136.6	2789.0	3701.7	4862.7	6479.6	8142.6	9795.2	11297.5	12597.5	13741.9
22.5°	1974.6	2587.8	3457.6	4639.8	6447.6	8385.6	10335.7	12158.5	13761.1	15208.7	16447.4
20°	2262.2	3029.5	4271.7	6034.5	8101.8	10309.7	12511.7	14453.3	16217.9	17859.3	19255.4
17.5°	2626.7	3701.3	5274.4	7389.0	9779.1	12198.2	14511.5	16618.6	18620.5	20357.4	21816.1
15°	2937.4	4292.9	6346.0	8826.0	11411.3	13963.1	16405.3	18694.0	20775.4	22557.6	23928.8
12.5°	3351.7	4956.0	7297.4	10061.4	12862.9	15548.0	18120.4	20486.0	22604.1	24366.7	25434.2
10°	3743.4	5642.4	8217.0	11099.4	14010.0	16870.9	19617.5	22043.6	24010.2	25412.2	26322.0
7.5°	4076.4	6232.3	8965.0	11938.5	14921.4	17912.4	20692.7	23053.3	24866.5	26037.4	26670.7
5°	4325.0	6673.4	9520.2	12620.3	15681.2	18724.7	21483.3	23699.3	25266.5	26136.3	26454.3
2.5°	4483.5	6932.4	9842.5	13067.6	16189.7	19238.7	22025.6	24206.8	25536.6	26113.1	26167.8
0°	4546.8	6965.8	9892.2	13302.3	16317.8	19385.1	22179.9	24415.7	25637.0	26111.4	26102.0
-2.5°	4483.5	6932.4	9842.5	13067.6	16189.7	19238.7	22025.6	24206.8	25536.6	26113.1	26167.8
-5°	4325.0	6673.4	9520.2	12620.3	15681.2	18724.7	21483.3	23699.3	25266.5	26136.3	26454.3
-7.5°	4076.4	6232.3	8965.0	11938.5	14921.4	17912.4	20692.7	23053.3	24866.5	26037.4	26670.7
-10°	3743.4	5642.4	8217.0	11099.4	14010.0	16870.9	19617.5	22043.6	24010.2	25412.2	26322.0
-12.5°	3351.7	4956.0	7297.4	10061.4	12862.9	15548.0	18120.4	20486.0	22604.1	24366.7	25434.2
-15°	2937.4	4292.9	6346.0	8826.0	11411.3	13963.1	16405.3	18694.0	20775.4	22557.6	23928.8
-17.5°	2626.7	3701.3	5274.4	7389.0	9779.1	12198.2	14511.5	16618.6	18620.5	20357.4	21816.1
-20°	2262.2	3029.5	4271.7	6034.5	8101.8	10309.7	12511.7	14453.3	16217.9	17859.3	19255.4



REPORT NUMBER: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1974.6	2587.8	3457.6	4639.8	6447.6	8385.6	10335.7	12158.5	13761.1	15208.7	16447.4
-25°	1710.2	2136.6	2789.0	3701.7	4862.7	6479.6	8142.6	9795.2	11297.5	12597.5	13741.9
-27.5°	1505.5	1828.1	2250.1	2869.8	3728.3	4672.5	6061.8	7400.8	8797.8	10039.6	11075.2
-30°	1330.1	1555.3	1876.5	2260.6	2811.4	3486.3	4279.2	5265.6	6345.1	7347.4	8335.1
-32.5°	1209.1	1357.0	1567.3	1847.3	2142.6	2601.3	3051.1	3693.4	4288.1	5001.2	5770.8
-35°	1100.3	1215.4	1344.2	1525.6	1725.3	1978.0	2261.5	2631.4	2948.6	3398.5	3828.5
-37.5°	1015.9	1098.3	1196.0	1298.5	1439.7	1574.5	1756.2	1947.7	2121.5	2388.2	2612.6
-40°	951.0	1004.4	1074.7	1148.2	1238.7	1319.8	1429.7	1527.6	1637.3	1776.0	1890.5
-42.5°	897.0	938.8	978.7	1033.5	1090.8	1149.7	1213.4	1267.7	1339.2	1412.0	1470.7
-45°	851.5	885.0	917.5	951.7	980.5	1023.7	1063.7	1098.1	1143.8	1185.3	1218.3
-47.5°	812.9	839.0	867.5	894.4	915.2	938.1	959.5	981.1	1009.6	1033.5	1051.3
-50°	776.0	798.7	822.3	844.1	861.7	877.2	890.1	904.6	919.9	932.6	940.6
-52.5°	740.9	762.6	781.5	797.8	814.3	827.9	838.5	848.8	857.8	865.0	868.2
-55°	708.7	728.0	747.2	761.3	773.9	785.3	795.0	802.6	808.8	813.8	814.9
-57.5°	672.7	691.4	708.7	721.7	734.4	746.6	755.4	761.2	766.0	769.5	770.9
-60°	629.7	650.7	664.1	675.0	687.2	700.4	707.8	714.0	719.4	724.1	728.2
-62.5°	577.1	594.7	607.5	618.2	628.1	636.6	646.7	655.0	661.4	667.3	673.9
-65°	516.3	533.8	545.4	554.4	561.2	568.9	581.2	591.0	598.5	604.4	609.8
-67.5°	454.8	471.5	483.0	492.4	499.8	507.5	518.5	528.4	537.2	543.2	547.0
-70°	392.0	408.1	420.6	430.9	439.0	446.8	455.5	463.9	471.7	476.1	477.8
-72.5°	329.4	343.0	355.2	366.2	375.6	383.4	390.2	396.1	401.0	404.2	406.1
-75°	269.3	280.4	290.7	300.3	309.2	316.8	323.2	328.6	333.1	335.3	336.4
-77.5°	212.4	220.6	227.9	234.9	241.5	248.1	254.1	259.5	264.1	265.2	264.9
-80°	158.5	164.2	169.0	173.4	177.3	181.8	186.0	189.7	192.9	194.7	195.8
-82.5°	107.6	111.0	114.0	116.7	119.1	122.4	125.5	128.2	130.4	132.1	133.5
-85°	61.2	62.5	63.7	64.7	65.5	68.4	71.3	73.9	76.3	76.3	76.0
-87.5°	23.1	22.8	22.4	21.9	21.3	22.8	24.3	25.8	27.2	26.4	25.5
-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: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-U-MWR-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°	24.5	23.4	23.5	23.5	23.5	23.4	24.5	25.5	26.4	27.2	25.8
85°	75.5	74.8	72.8	70.5	72.8	74.8	75.5	76.0	76.3	76.3	73.9
82.5°	134.7	135.5	133.7	131.5	133.7	135.5	134.7	133.5	132.1	130.4	128.2
80°	196.4	196.4	194.8	192.6	194.8	196.4	196.4	195.8	194.7	192.9	189.7
77.5°	263.8	261.9	262.7	263.0	262.7	261.9	263.8	264.9	265.2	264.1	259.5
75°	336.9	336.6	335.5	333.5	335.5	336.6	336.9	336.4	335.3	333.1	328.6
72.5°	407.0	407.0	406.0	404.0	406.0	407.0	407.0	406.1	404.2	401.0	396.1
70°	478.2	477.3	478.5	479.1	478.5	477.3	478.2	477.8	476.1	471.7	463.9
67.5°	549.9	551.8	551.5	549.6	551.5	551.8	549.9	547.0	543.2	537.2	528.4
65°	614.1	617.3	619.3	620.0	619.3	617.3	614.1	609.8	604.4	598.5	591.0
62.5°	679.1	682.8	683.0	681.1	683.0	682.8	679.1	673.9	667.3	661.4	655.0
60°	730.5	731.1	730.2	728.1	730.2	731.1	730.5	728.2	724.1	719.4	714.0
57.5°	770.9	769.5	767.9	765.6	767.9	769.5	770.9	770.9	769.5	766.0	761.2
55°	814.3	812.0	810.1	807.9	810.1	812.0	814.3	814.9	813.8	808.8	802.6
52.5°	868.8	867.7	866.3	864.3	866.3	867.7	868.8	868.2	865.0	857.8	848.8
50°	944.6	945.8	945.7	944.1	945.7	945.8	944.6	940.6	932.6	919.9	904.6
47.5°	1062.5	1068.8	1073.0	1075.6	1073.0	1068.8	1062.5	1051.3	1033.5	1009.6	981.1
45°	1239.3	1251.9	1260.8	1268.2	1260.8	1251.9	1239.3	1218.3	1185.3	1143.8	1098.1
42.5°	1512.0	1540.1	1553.4	1550.1	1553.4	1540.1	1512.0	1470.7	1412.0	1339.2	1267.7
40°	1966.9	2012.3	2037.4	2057.3	2037.4	2012.3	1966.9	1890.5	1776.0	1637.3	1527.6
37.5°	2765.8	2853.8	2900.1	2940.4	2900.1	2853.8	2765.8	2612.6	2388.2	2121.5	1947.7
35°	4149.7	4347.6	4453.6	4490.5	4453.6	4347.6	4149.7	3828.5	3398.5	2948.6	2631.4
32.5°	6369.7	6734.8	6936.7	7092.7	6936.7	6734.8	6369.7	5770.8	5001.2	4288.1	3693.4
30°	9117.1	9598.0	9865.1	9995.5	9865.1	9598.0	9117.1	8335.1	7347.4	6345.1	5265.6
27.5°	11933.7	12480.3	12768.2	12752.7	12768.2	12480.3	11933.7	11075.2	10039.6	8797.8	7400.8
25°	14722.9	15356.1	15643.0	15899.8	15643.0	15356.1	14722.9	13741.9	12597.5	11297.5	9795.2
22.5°	17543.9	18284.4	18688.3	18877.8	18688.3	18284.4	17543.9	16447.4	15208.7	13761.1	12158.5
20°	20331.4	21155.6	21584.5	21771.2	21584.5	21155.6	20331.4	19255.4	17859.3	16217.9	14453.3
17.5°	22803.5	23608.2	24017.0	24190.2	24017.0	23608.2	22803.5	21816.1	20357.4	18620.5	16618.6
15°	24777.5	25371.0	25718.7	25810.8	25718.7	25371.0	24777.5	23928.8	22557.6	20775.4	18694.0
12.5°	26142.1	26372.0	26539.2	26590.5	26539.2	26372.0	26142.1	25434.2	24366.7	22604.1	20486.0
10°	26839.6	26735.9	26693.1	26698.5	26693.1	26735.9	26839.6	26322.0	25412.2	24010.2	22043.6
7.5°	26791.7	26638.1	26329.6	26280.5	26329.6	26638.1	26791.7	26670.7	26037.4	24866.5	23053.3
5°	26406.8	26127.1	25615.1	25467.9	25615.1	26127.1	26406.8	26454.3	26136.3	25266.5	23699.3
2.5°	25958.1	25454.0	24982.3	24678.7	24982.3	25454.0	25958.1	26167.8	26113.1	25536.6	24206.8
0°	25824.8	25242.4	24631.8	24434.5	24631.8	25242.4	25824.8	26102.0	26111.4	25637.0	24415.7
-2.5°	25958.1	25454.0	24982.3	24678.7	24982.3	25454.0	25958.1	26167.8	26113.1	25536.6	24206.8
-5°	26406.8	26127.1	25615.1	25467.9	25615.1	26127.1	26406.8	26454.3	26136.3	25266.5	23699.3
-7.5°	26791.7	26638.1	26329.6	26280.5	26329.6	26638.1	26791.7	26670.7	26037.4	24866.5	23053.3
-10°	26839.6	26735.9	26693.1	26698.5	26693.1	26735.9	26839.6	26322.0	25412.2	24010.2	22043.6
-12.5°	26142.1	26372.0	26539.2	26590.5	26539.2	26372.0	26142.1	25434.2	24366.7	22604.1	20486.0
-15°	24777.5	25371.0	25718.7	25810.8	25718.7	25371.0	24777.5	23928.8	22557.6	20775.4	18694.0
-17.5°	22803.5	23608.2	24017.0	24190.2	24017.0	23608.2	22803.5	21816.1	20357.4	18620.5	16618.6
-20°	20331.4	21155.6	21584.5	21771.2	21584.5	21155.6	20331.4	19255.4	17859.3	16217.9	14453.3



REPORT NUMBER: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17543.9	18284.4	18688.3	18877.8	18688.3	18284.4	17543.9	16447.4	15208.7	13761.1	12158.5
-25°	14722.9	15356.1	15643.0	15899.8	15643.0	15356.1	14722.9	13741.9	12597.5	11297.5	9795.2
-27.5°	11933.7	12480.3	12768.2	12752.7	12768.2	12480.3	11933.7	11075.2	10039.6	8797.8	7400.8
-30°	9117.1	9598.0	9865.1	9995.5	9865.1	9598.0	9117.1	8335.1	7347.4	6345.1	5265.6
-32.5°	6369.7	6734.8	6936.7	7092.7	6936.7	6734.8	6369.7	5770.8	5001.2	4288.1	3693.4
-35°	4149.7	4347.6	4453.6	4490.5	4453.6	4347.6	4149.7	3828.5	3398.5	2948.6	2631.4
-37.5°	2765.8	2853.8	2900.1	2940.4	2900.1	2853.8	2765.8	2612.6	2388.2	2121.5	1947.7
-40°	1966.9	2012.3	2037.4	2057.3	2037.4	2012.3	1966.9	1890.5	1776.0	1637.3	1527.6
-42.5°	1512.0	1540.1	1553.4	1550.1	1553.4	1540.1	1512.0	1470.7	1412.0	1339.2	1267.7
-45°	1239.3	1251.9	1260.8	1268.2	1260.8	1251.9	1239.3	1218.3	1185.3	1143.8	1098.1
-47.5°	1062.5	1068.8	1073.0	1075.6	1073.0	1068.8	1062.5	1051.3	1033.5	1009.6	981.1
-50°	944.6	945.8	945.7	944.1	945.7	945.8	944.6	940.6	932.6	919.9	904.6
-52.5°	868.8	867.7	866.3	864.3	866.3	867.7	868.8	868.2	865.0	857.8	848.8
-55°	814.3	812.0	810.1	807.9	810.1	812.0	814.3	814.9	813.8	808.8	802.6
-57.5°	770.9	769.5	767.9	765.6	767.9	769.5	770.9	770.9	769.5	766.0	761.2
-60°	730.5	731.1	730.2	728.1	730.2	731.1	730.5	728.2	724.1	719.4	714.0
-62.5°	679.1	682.8	683.0	681.1	683.0	682.8	679.1	673.9	667.3	661.4	655.0
-65°	614.1	617.3	619.3	620.0	619.3	617.3	614.1	609.8	604.4	598.5	591.0
-67.5°	549.9	551.8	551.5	549.6	551.5	551.8	549.9	547.0	543.2	537.2	528.4
-70°	478.2	477.3	478.5	479.1	478.5	477.3	478.2	477.8	476.1	471.7	463.9
-72.5°	407.0	407.0	406.0	404.0	406.0	407.0	407.0	406.1	404.2	401.0	396.1
-75°	336.9	336.6	335.5	333.5	335.5	336.6	336.9	336.4	335.3	333.1	328.6
-77.5°	263.8	261.9	262.7	263.0	262.7	261.9	263.8	264.9	265.2	264.1	259.5
-80°	196.4	196.4	194.8	192.6	194.8	196.4	196.4	195.8	194.7	192.9	189.7
-82.5°	134.7	135.5	133.7	131.5	133.7	135.5	134.7	133.5	132.1	130.4	128.2
-85°	75.5	74.8	72.8	70.5	72.8	74.8	75.5	76.0	76.3	76.3	73.9
-87.5°	24.5	23.4	23.5	23.5	23.5	23.4	24.5	25.5	26.4	27.2	25.8
-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: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-730-U-MWR-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°	24.3	22.8	21.3	21.9	22.4	22.8	23.1	22.4	21.6	20.8	19.9
85°	71.3	68.4	65.5	64.7	63.7	62.5	61.2	58.5	55.7	52.7	49.6
82.5°	125.5	122.4	119.1	116.7	114.0	111.0	107.6	102.4	97.2	91.9	86.6
80°	186.0	181.8	177.3	173.4	169.0	164.2	158.5	150.5	142.1	133.9	126.1
77.5°	254.1	248.1	241.5	234.9	227.9	220.6	212.4	202.2	192.0	181.3	170.5
75°	323.2	316.8	309.2	300.3	290.7	280.4	269.3	257.1	244.3	230.9	217.4
72.5°	390.2	383.4	375.6	366.2	355.2	343.0	329.4	314.5	298.7	282.2	266.1
70°	455.5	446.8	439.0	430.9	420.6	408.1	392.0	374.1	355.2	336.1	317.4
67.5°	518.5	507.5	499.8	492.4	483.0	471.5	454.8	435.4	414.2	392.0	369.9
65°	581.2	568.9	561.2	554.4	545.4	533.8	516.3	496.6	474.3	449.5	423.8
62.5°	646.7	636.6	628.1	618.2	607.5	594.7	577.1	556.4	533.9	507.9	478.1
60°	707.8	700.4	687.2	675.0	664.1	650.7	629.7	609.9	591.4	561.6	529.6
57.5°	755.4	746.6	734.4	721.7	708.7	691.4	672.7	653.9	632.5	607.4	577.6
55°	795.0	785.3	773.9	761.3	747.2	728.0	708.7	688.7	668.0	647.0	617.9
52.5°	838.5	827.9	814.3	797.8	781.5	762.6	740.9	719.7	700.4	678.9	655.1
50°	890.1	877.2	861.7	844.1	822.3	798.7	776.0	751.2	731.0	710.0	685.8
47.5°	959.5	938.1	915.2	894.4	867.5	839.0	812.9	787.3	763.4	740.8	716.0
45°	1063.7	1023.7	980.5	951.7	917.5	885.0	851.5	822.7	795.3	769.8	746.6
42.5°	1213.4	1149.7	1090.8	1033.5	978.7	938.8	897.0	861.2	828.1	797.9	770.7
40°	1429.7	1319.8	1238.7	1148.2	1074.7	1004.4	951.0	902.3	864.0	828.1	795.0
37.5°	1756.2	1574.5	1439.7	1298.5	1196.0	1098.3	1015.9	952.5	900.4	858.9	820.4
35°	2261.5	1978.0	1725.3	1525.6	1344.2	1215.4	1100.3	1011.5	944.9	890.6	845.6
32.5°	3051.1	2601.3	2142.6	1847.3	1567.3	1357.0	1209.1	1086.8	992.4	927.8	873.8
30°	4279.2	3486.3	2811.4	2260.6	1876.5	1555.3	1330.1	1180.6	1059.8	965.5	902.3
27.5°	6061.8	4672.5	3728.3	2869.8	2250.1	1828.1	1505.5	1280.9	1130.8	1018.2	935.0
25°	8142.6	6479.6	4862.7	3701.7	2789.0	2136.6	1710.2	1421.5	1218.6	1073.2	963.8
22.5°	10335.7	8385.6	6447.6	4639.8	3457.6	2587.8	1974.6	1563.2	1301.5	1131.8	1005.6
20°	12511.7	10309.7	8101.8	6034.5	4271.7	3029.5	2262.2	1751.3	1417.3	1197.4	1045.2
17.5°	14511.5	12198.2	9779.1	7389.0	5274.4	3701.3	2626.7	1941.4	1518.3	1255.7	1079.6
15°	16405.3	13963.1	11411.3	8826.0	6346.0	4292.9	2937.4	2107.1	1623.3	1323.5	1124.5
12.5°	18120.4	15548.0	12862.9	10061.4	7297.4	4956.0	3351.7	2351.3	1752.3	1393.8	1166.9
10°	19617.5	16870.9	14010.0	11099.4	8217.0	5642.4	3743.4	2559.6	1864.1	1452.1	1201.5
7.5°	20692.7	17912.4	14921.4	11938.5	8965.0	6232.3	4076.4	2724.5	1951.8	1496.8	1228.2
5°	21483.3	18724.7	15681.2	12620.3	9520.2	6673.4	4325.0	2840.5	2014.6	1527.7	1246.7
2.5°	22025.6	19238.7	16189.7	13067.6	9842.5	6932.4	4483.5	2902.8	2044.3	1551.9	1256.9
0°	22179.9	19385.1	16317.8	13302.3	9892.2	6965.8	4546.8	2912.2	2043.3	1564.1	1258.8
-2.5°	22025.6	19238.7	16189.7	13067.6	9842.5	6932.4	4483.5	2902.8	2044.3	1551.9	1256.9
-5°	21483.3	18724.7	15681.2	12620.3	9520.2	6673.4	4325.0	2840.5	2014.6	1527.7	1246.7
-7.5°	20692.7	17912.4	14921.4	11938.5	8965.0	6232.3	4076.4	2724.5	1951.8	1496.8	1228.2
-10°	19617.5	16870.9	14010.0	11099.4	8217.0	5642.4	3743.4	2559.6	1864.1	1452.1	1201.5
-12.5°	18120.4	15548.0	12862.9	10061.4	7297.4	4956.0	3351.7	2351.3	1752.3	1393.8	1166.9
-15°	16405.3	13963.1	11411.3	8826.0	6346.0	4292.9	2937.4	2107.1	1623.3	1323.5	1124.5
-17.5°	14511.5	12198.2	9779.1	7389.0	5274.4	3701.3	2626.7	1941.4	1518.3	1255.7	1079.6
-20°	12511.7	10309.7	8101.8	6034.5	4271.7	3029.5	2262.2	1751.3	1417.3	1197.4	1045.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10335.7	8385.6	6447.6	4639.8	3457.6	2587.8	1974.6	1563.2	1301.5	1131.8	1005.6
-25°	8142.6	6479.6	4862.7	3701.7	2789.0	2136.6	1710.2	1421.5	1218.6	1073.2	963.8
-27.5°	6061.8	4672.5	3728.3	2869.8	2250.1	1828.1	1505.5	1280.9	1130.8	1018.2	935.0
-30°	4279.2	3486.3	2811.4	2260.6	1876.5	1555.3	1330.1	1180.6	1059.8	965.5	902.3
-32.5°	3051.1	2601.3	2142.6	1847.3	1567.3	1357.0	1209.1	1086.8	992.4	927.8	873.8
-35°	2261.5	1978.0	1725.3	1525.6	1344.2	1215.4	1100.3	1011.5	944.9	890.6	845.6
-37.5°	1756.2	1574.5	1439.7	1298.5	1196.0	1098.3	1015.9	952.5	900.4	858.9	820.4
-40°	1429.7	1319.8	1238.7	1148.2	1074.7	1004.4	951.0	902.3	864.0	828.1	795.0
-42.5°	1213.4	1149.7	1090.8	1033.5	978.7	938.8	897.0	861.2	828.1	797.9	770.7
-45°	1063.7	1023.7	980.5	951.7	917.5	885.0	851.5	822.7	795.3	769.8	746.6
-47.5°	959.5	938.1	915.2	894.4	867.5	839.0	812.9	787.3	763.4	740.8	716.0
-50°	890.1	877.2	861.7	844.1	822.3	798.7	776.0	751.2	731.0	710.0	685.8
-52.5°	838.5	827.9	814.3	797.8	781.5	762.6	740.9	719.7	700.4	678.9	655.1
-55°	795.0	785.3	773.9	761.3	747.2	728.0	708.7	688.7	668.0	647.0	617.9
-57.5°	755.4	746.6	734.4	721.7	708.7	691.4	672.7	653.9	632.5	607.4	577.6
-60°	707.8	700.4	687.2	675.0	664.1	650.7	629.7	609.9	591.4	561.6	529.6
-62.5°	646.7	636.6	628.1	618.2	607.5	594.7	577.1	556.4	533.9	507.9	478.1
-65°	581.2	568.9	561.2	554.4	545.4	533.8	516.3	496.6	474.3	449.5	423.8
-67.5°	518.5	507.5	499.8	492.4	483.0	471.5	454.8	435.4	414.2	392.0	369.9
-70°	455.5	446.8	439.0	430.9	420.6	408.1	392.0	374.1	355.2	336.1	317.4
-72.5°	390.2	383.4	375.6	366.2	355.2	343.0	329.4	314.5	298.7	282.2	266.1
-75°	323.2	316.8	309.2	300.3	290.7	280.4	269.3	257.1	244.3	230.9	217.4
-77.5°	254.1	248.1	241.5	234.9	227.9	220.6	212.4	202.2	192.0	181.3	170.5
-80°	186.0	181.8	177.3	173.4	169.0	164.2	158.5	150.5	142.1	133.9	126.1
-82.5°	125.5	122.4	119.1	116.7	114.0	111.0	107.6	102.4	97.2	91.9	86.6
-85°	71.3	68.4	65.5	64.7	63.7	62.5	61.2	58.5	55.7	52.7	49.6
-87.5°	24.3	22.8	21.3	21.9	22.4	22.8	23.1	22.4	21.6	20.8	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: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-U-MWR-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	17.2	16.2	15.1	14.1	13.0	11.9	10.3	8.8	7.4
85°	46.3	42.9	39.4	35.8	31.9	28.2	26.0	23.8	20.6	17.6	14.8
82.5°	81.2	76.0	70.7	65.2	58.9	52.7	46.6	40.6	34.0	26.9	22.1
80°	119.0	111.6	104.0	95.9	86.7	77.0	68.5	60.3	52.2	43.6	34.5
77.5°	160.1	149.3	138.1	127.9	117.2	105.9	93.8	81.3	70.4	60.2	49.5
75°	204.0	190.9	177.4	163.5	149.2	134.7	120.9	106.4	91.9	77.1	64.3
72.5°	250.5	234.2	217.4	200.2	183.5	166.4	148.9	131.3	114.4	97.2	79.8
70°	298.3	278.4	258.8	239.4	219.0	198.0	178.0	157.3	136.7	117.1	97.2
67.5°	347.1	324.7	301.6	278.7	256.1	232.4	207.3	183.2	159.7	136.7	114.4
65°	398.3	371.9	344.8	318.9	293.0	267.0	239.6	209.6	182.3	156.5	131.3
62.5°	448.8	419.9	389.5	358.6	329.2	300.4	271.2	237.9	204.9	175.8	148.0
60°	497.8	465.4	432.6	398.4	364.9	332.7	300.3	265.4	229.5	194.7	164.3
57.5°	542.6	508.7	472.1	436.0	399.9	364.3	328.5	291.4	253.3	215.1	180.1
55°	584.7	547.8	509.6	470.6	432.7	394.7	355.9	316.4	276.3	235.4	195.6
52.5°	624.2	585.7	545.1	503.7	462.7	423.5	382.5	340.6	298.1	255.0	212.6
50°	658.8	622.5	579.6	535.9	491.5	450.0	408.4	364.1	319.2	273.9	229.2
47.5°	687.8	654.5	613.0	567.1	520.3	476.0	432.6	386.7	339.6	292.0	245.2
45°	716.2	684.1	644.0	597.0	548.8	502.0	455.9	408.6	359.2	309.4	260.4
42.5°	742.8	710.7	673.3	625.8	576.0	526.9	478.5	429.2	377.9	326.1	274.8
40°	765.4	734.0	700.8	653.5	601.6	550.5	500.0	449.0	395.9	341.9	288.6
37.5°	787.5	755.2	721.1	679.6	625.7	572.6	520.2	468.0	413.2	357.2	301.5
35°	808.9	775.5	739.2	699.8	648.1	593.2	539.1	485.8	429.3	371.8	313.5
32.5°	827.9	793.7	756.0	716.2	668.7	612.2	556.6	501.4	444.4	385.6	324.7
30°	850.7	808.9	771.1	732.3	686.4	629.6	572.7	516.0	458.2	398.6	335.3
27.5°	872.4	823.6	784.6	745.7	700.2	645.5	587.6	529.5	470.9	410.5	345.7
25°	893.5	840.4	797.2	756.9	713.5	660.6	601.3	541.8	482.1	420.8	355.4
22.5°	917.6	855.7	808.9	766.6	726.2	674.3	613.7	553.0	492.0	430.1	364.2
20°	939.1	868.4	819.7	775.7	735.7	684.6	624.8	562.9	500.9	438.3	372.1
17.5°	960.1	882.8	830.3	784.6	742.8	693.7	634.6	571.7	508.7	445.4	379.2
15°	989.3	899.2	839.5	792.1	748.8	701.4	642.9	579.1	515.3	451.4	385.5
12.5°	1014.2	913.0	847.1	798.2	753.7	707.8	649.8	585.3	520.8	456.7	391.1
10°	1034.5	924.0	853.0	803.0	757.5	712.8	655.3	590.6	526.0	461.4	395.8
7.5°	1049.9	932.2	857.2	806.4	760.1	716.4	660.3	595.2	530.2	465.0	399.4
5°	1060.4	937.6	860.8	808.3	761.5	718.7	664.0	598.5	533.1	467.6	401.9
2.5°	1065.8	940.0	863.4	808.8	761.8	719.4	666.3	600.5	534.9	469.2	403.5
0°	1066.2	939.4	864.3	807.9	760.9	718.7	667.0	601.2	535.5	469.7	404.0
-2.5°	1065.8	940.0	863.4	808.8	761.8	719.4	666.3	600.5	534.9	469.2	403.5
-5°	1060.4	937.6	860.8	808.3	761.5	718.7	664.0	598.5	533.1	467.6	401.9
-7.5°	1049.9	932.2	857.2	806.4	760.1	716.4	660.3	595.2	530.2	465.0	399.4
-10°	1034.5	924.0	853.0	803.0	757.5	712.8	655.3	590.6	526.0	461.4	395.8
-12.5°	1014.2	913.0	847.1	798.2	753.7	707.8	649.8	585.3	520.8	456.7	391.1
-15°	989.3	899.2	839.5	792.1	748.8	701.4	642.9	579.1	515.3	451.4	385.5
-17.5°	960.1	882.8	830.3	784.6	742.8	693.7	634.6	571.7	508.7	445.4	379.2
-20°	939.1	868.4	819.7	775.7	735.7	684.6	624.8	562.9	500.9	438.3	372.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	917.6	855.7	808.9	766.6	726.2	674.3	613.7	553.0	492.0	430.1	364.2
-25°	893.5	840.4	797.2	756.9	713.5	660.6	601.3	541.8	482.1	420.8	355.4
-27.5°	872.4	823.6	784.6	745.7	700.2	645.5	587.6	529.5	470.9	410.5	345.7
-30°	850.7	808.9	771.1	732.3	686.4	629.6	572.7	516.0	458.2	398.6	335.3
-32.5°	827.9	793.7	756.0	716.2	668.7	612.2	556.6	501.4	444.4	385.6	324.7
-35°	808.9	775.5	739.2	699.8	648.1	593.2	539.1	485.8	429.3	371.8	313.5
-37.5°	787.5	755.2	721.1	679.6	625.7	572.6	520.2	468.0	413.2	357.2	301.5
-40°	765.4	734.0	700.8	653.5	601.6	550.5	500.0	449.0	395.9	341.9	288.6
-42.5°	742.8	710.7	673.3	625.8	576.0	526.9	478.5	429.2	377.9	326.1	274.8
-45°	716.2	684.1	644.0	597.0	548.8	502.0	455.9	408.6	359.2	309.4	260.4
-47.5°	687.8	654.5	613.0	567.1	520.3	476.0	432.6	386.7	339.6	292.0	245.2
-50°	658.8	622.5	579.6	535.9	491.5	450.0	408.4	364.1	319.2	273.9	229.2
-52.5°	624.2	585.7	545.1	503.7	462.7	423.5	382.5	340.6	298.1	255.0	212.6
-55°	584.7	547.8	509.6	470.6	432.7	394.7	355.9	316.4	276.3	235.4	195.6
-57.5°	542.6	508.7	472.1	436.0	399.9	364.3	328.5	291.4	253.3	215.1	180.1
-60°	497.8	465.4	432.6	398.4	364.9	332.7	300.3	265.4	229.5	194.7	164.3
-62.5°	448.8	419.9	389.5	358.6	329.2	300.4	271.2	237.9	204.9	175.8	148.0
-65°	398.3	371.9	344.8	318.9	293.0	267.0	239.6	209.6	182.3	156.5	131.3
-67.5°	347.1	324.7	301.6	278.7	256.1	232.4	207.3	183.2	159.7	136.7	114.4
-70°	298.3	278.4	258.8	239.4	219.0	198.0	178.0	157.3	136.7	117.1	97.2
-72.5°	250.5	234.2	217.4	200.2	183.5	166.4	148.9	131.3	114.4	97.2	79.8
-75°	204.0	190.9	177.4	163.5	149.2	134.7	120.9	106.4	91.9	77.1	64.3
-77.5°	160.1	149.3	138.1	127.9	117.2	105.9	93.8	81.3	70.4	60.2	49.5
-80°	119.0	111.6	104.0	95.9	86.7	77.0	68.5	60.3	52.2	43.6	34.5
-82.5°	81.2	76.0	70.7	65.2	58.9	52.7	46.6	40.6	34.0	26.9	22.1
-85°	46.3	42.9	39.4	35.8	31.9	28.2	26.0	23.8	20.6	17.6	14.8
-87.5°	19.0	18.1	17.2	16.2	15.1	14.1	13.0	11.9	10.3	8.8	7.4
-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: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-730-U-MWR-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°	25.1	20.2	16.2	12.2	8.2	4.1	0.0
77.5°	38.2	27.3	20.2	15.2	10.2	5.1	0.0
75°	51.2	38.2	25.1	18.2	12.2	6.1	0.0
72.5°	64.1	49.0	33.7	21.1	14.1	7.1	0.0
70°	77.1	59.6	42.2	24.7	16.1	8.0	0.0
67.5°	91.8	70.1	50.6	31.0	18.0	9.0	0.0
65°	106.1	81.1	58.8	37.2	19.8	9.9	0.0
62.5°	120.1	92.6	66.9	43.3	21.7	10.8	0.0
60°	133.7	103.8	74.8	49.2	23.5	11.7	0.0
57.5°	147.4	114.8	83.4	55.0	27.3	12.6	0.0
55°	160.8	125.3	91.8	60.6	30.9	13.5	0.0
52.5°	173.9	135.6	99.8	66.0	34.5	14.3	0.0
50°	186.7	146.3	107.6	71.3	37.9	15.1	0.0
47.5°	199.2	156.7	115.1	76.5	41.2	15.9	0.0
45°	212.2	166.7	122.2	81.9	44.3	16.6	0.0
42.5°	224.6	176.3	129.0	87.0	47.3	17.3	0.0
40°	236.3	185.6	135.9	91.7	50.1	18.0	0.0
37.5°	247.4	194.4	143.0	96.1	52.7	18.6	0.0
35°	257.7	203.0	149.6	100.2	55.2	19.2	0.0
32.5°	267.4	211.1	155.9	104.0	57.5	19.8	0.0
30°	276.4	218.6	161.8	107.6	59.6	20.3	0.0
27.5°	284.6	225.6	167.0	110.9	61.5	20.8	0.0
25°	292.0	231.9	171.7	113.9	63.3	21.3	0.0
22.5°	298.7	237.5	176.0	116.6	64.9	21.7	0.0
20°	304.7	242.3	179.8	119.0	66.2	22.1	0.0
17.5°	310.0	246.5	183.2	121.1	67.4	22.4	0.0
15°	314.8	250.0	186.0	122.8	68.4	22.7	0.0
12.5°	319.0	253.0	188.4	124.3	69.2	22.9	0.0
10°	322.5	255.3	190.2	125.5	69.9	23.1	0.0
7.5°	325.2	257.0	191.6	126.3	70.3	23.3	0.0
5°	327.2	258.1	192.4	126.8	70.5	23.4	0.0
2.5°	328.4	258.5	192.8	126.9	70.6	23.5	0.0
0°	328.8	258.3	192.6	126.8	70.5	23.5	0.0
-2.5°	328.4	258.5	192.8	126.9	70.6	23.5	0.0
-5°	327.2	258.1	192.4	126.8	70.5	23.4	0.0
-7.5°	325.2	257.0	191.6	126.3	70.3	23.3	0.0
-10°	322.5	255.3	190.2	125.5	69.9	23.1	0.0
-12.5°	319.0	253.0	188.4	124.3	69.2	22.9	0.0
-15°	314.8	250.0	186.0	122.8	68.4	22.7	0.0
-17.5°	310.0	246.5	183.2	121.1	67.4	22.4	0.0
-20°	304.7	242.3	179.8	119.0	66.2	22.1	0.0

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REPORT NUMBER: P627567 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	298.7	237.5	176.0	116.6	64.9	21.7	0.0
-25°	292.0	231.9	171.7	113.9	63.3	21.3	0.0
-27.5°	284.6	225.6	167.0	110.9	61.5	20.8	0.0
-30°	276.4	218.6	161.8	107.6	59.6	20.3	0.0
-32.5°	267.4	211.1	155.9	104.0	57.5	19.8	0.0
-35°	257.7	203.0	149.6	100.2	55.2	19.2	0.0
-37.5°	247.4	194.4	143.0	96.1	52.7	18.6	0.0
-40°	236.3	185.6	135.9	91.7	50.1	18.0	0.0
-42.5°	224.6	176.3	129.0	87.0	47.3	17.3	0.0
-45°	212.2	166.7	122.2	81.9	44.3	16.6	0.0
-47.5°	199.2	156.7	115.1	76.5	41.2	15.9	0.0
-50°	186.7	146.3	107.6	71.3	37.9	15.1	0.0
-52.5°	173.9	135.6	99.8	66.0	34.5	14.3	0.0
-55°	160.8	125.3	91.8	60.6	30.9	13.5	0.0
-57.5°	147.4	114.8	83.4	55.0	27.3	12.6	0.0
-60°	133.7	103.8	74.8	49.2	23.5	11.7	0.0
-62.5°	120.1	92.6	66.9	43.3	21.7	10.8	0.0
-65°	106.1	81.1	58.8	37.2	19.8	9.9	0.0
-67.5°	91.8	70.1	50.6	31.0	18.0	9.0	0.0
-70°	77.1	59.6	42.2	24.7	16.1	8.0	0.0
-72.5°	64.1	49.0	33.7	21.1	14.1	7.1	0.0
-75°	51.2	38.2	25.1	18.2	12.2	6.1	0.0
-77.5°	38.2	27.3	20.2	15.2	10.2	5.1	0.0
-80°	25.1	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)