

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: P627565 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627565 (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-SA5B-730-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N114
Light Source: (80) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

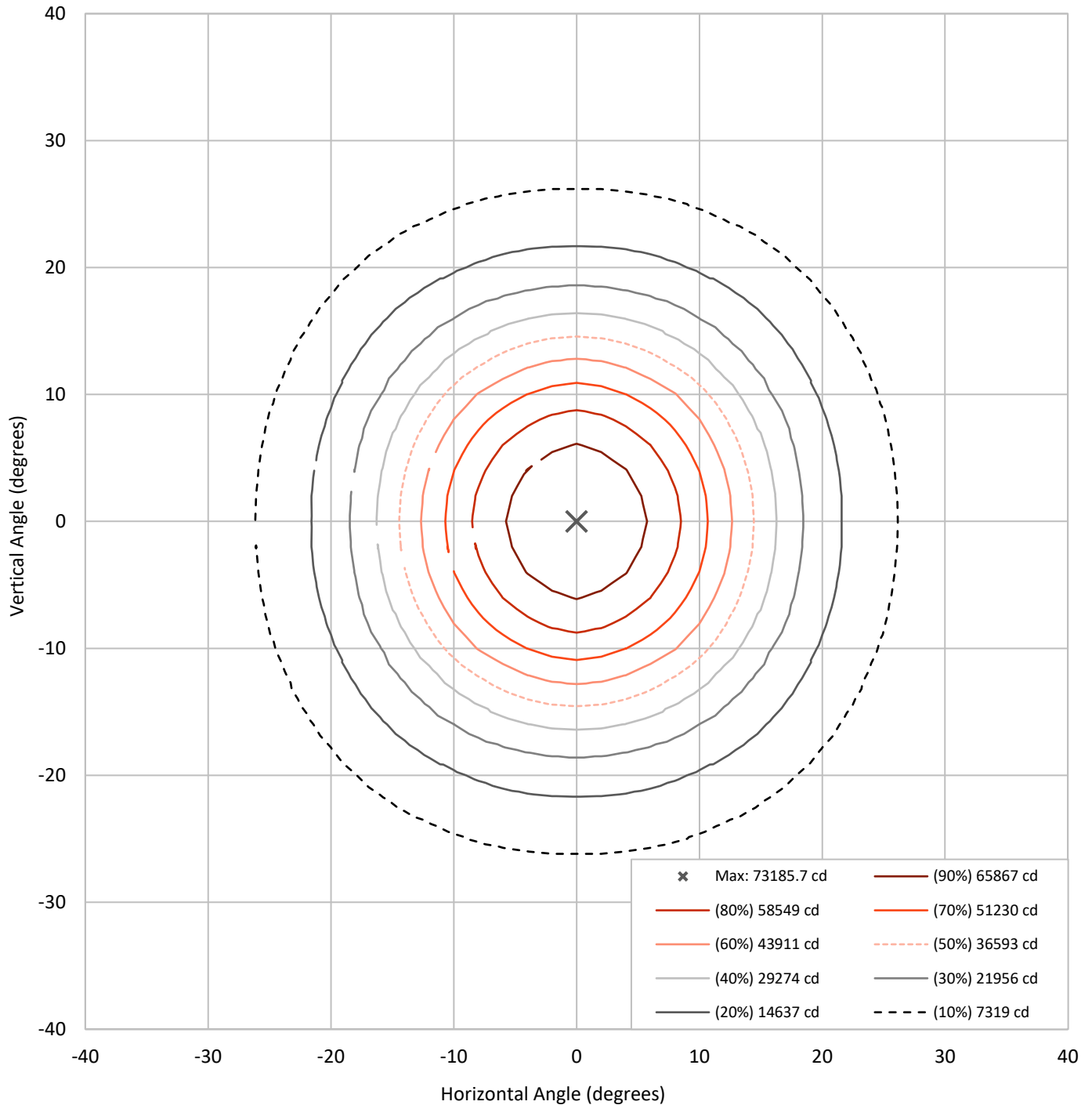
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	22865.8 lumens	Max Intensity:	73185.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.1 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:	11117 lumens	Field Lumens:	18761 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





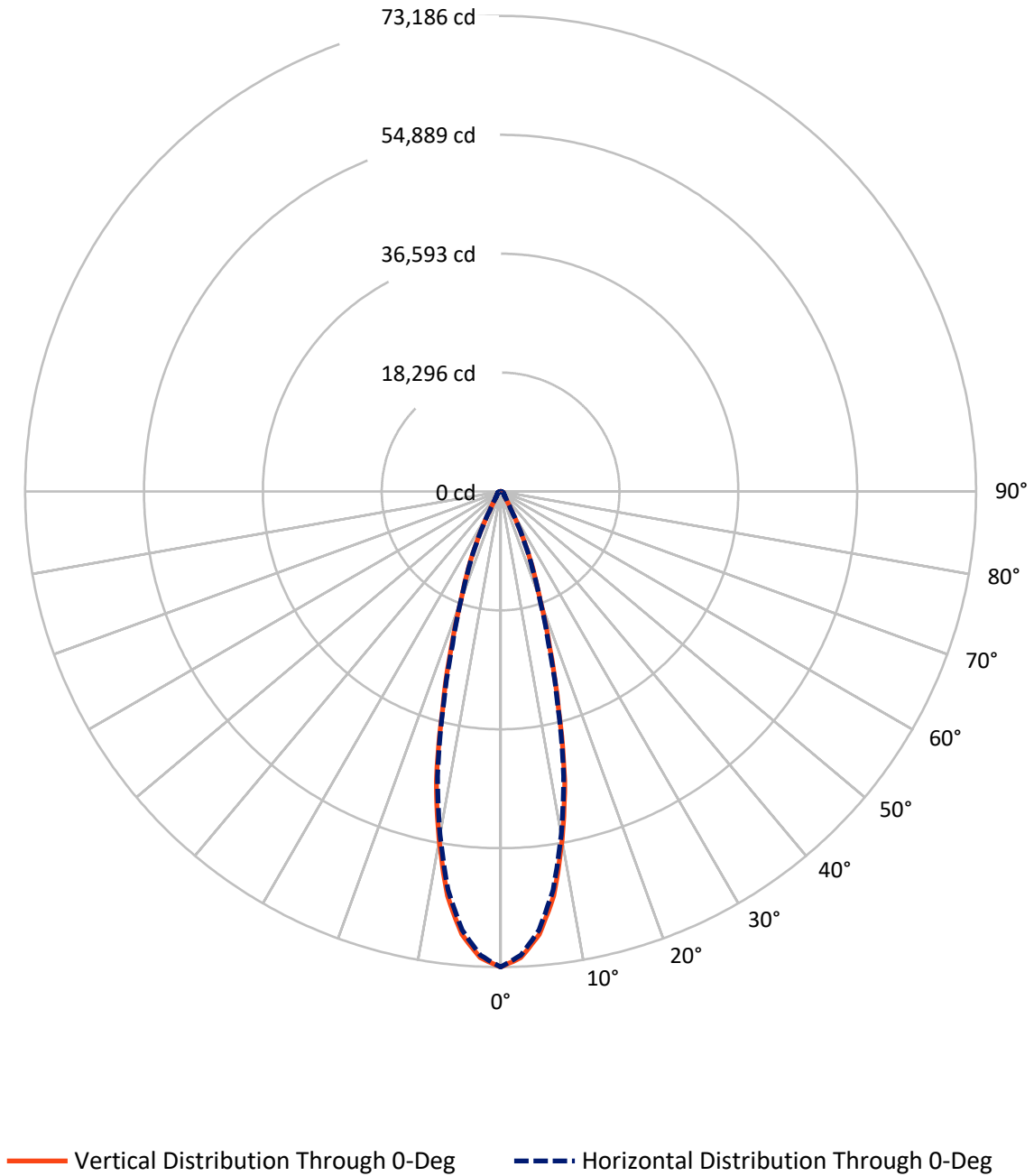
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Lumen Table

90	0.4	3.8	9.9	15.7	17.4	15.7	9.9	3.8	0.4										
80	0.4	3.8	9.9	15.7	17.4	15.7	9.9	3.8	0.4										
70	1.7	2.0	4.0	6.5	9.0	11.1	12.4	13.0	13.0	12.4	11.1	9.0	6.5	4.0	2.0	1.7			
60		2.9	5.9	9.5	12.8	15.7	17.6	18.3	18.3	17.6	15.7	12.8	9.5	5.9	2.9				
50	3.0	3.8	7.6	11.8	15.7	19.8	23.3	25.0	25.0	23.3	19.8	15.7	11.8	7.6	3.8	3.0			
40		4.4	8.9	13.6	19.2	27.4	39.6	51.5	51.5	39.6	27.4	19.2	13.6	8.9	4.4				
30	3.9	4.9	9.7	15.3	24.6	53.5	150.5	266.9	266.9	150.5	53.5	24.6	15.3	9.7	4.9	3.9			
20		5.3	10.2	16.6	33.5	140.3	500.2	958.5	958.5	500.2	140.3	33.5	16.6	10.2	5.3				
10	4.2	5.5	10.4	17.5	42.5	242.2	925.8	1821.0	1821.0	925.8	242.2	42.5	17.5	10.4	5.5	4.2			
0		5.5	10.4	17.5	42.5	242.2	925.8	1821.0	1821.0	925.8	242.2	42.5	17.5	10.4	5.5				
-10	3.9	5.3	10.2	16.6	33.5	140.3	500.2	958.5	958.5	500.2	140.3	33.5	16.6	10.2	5.3	3.9			
-20		4.9	9.7	15.3	24.6	53.5	150.5	266.9	266.9	150.5	53.5	24.6	15.3	9.7	4.9				
-30	3.0	4.4	8.9	13.6	19.2	27.4	39.6	51.5	51.5	39.6	27.4	19.2	13.6	8.9	4.4	3.0			
-40		3.8	7.6	11.8	15.7	19.8	23.3	25.0	25.0	23.3	19.8	15.7	11.8	7.6	3.8				
-50	1.7	2.9	5.9	9.5	12.8	15.7	17.6	18.3	18.3	17.6	15.7	12.8	9.5	5.9	2.9	1.7			
-60		2.0	4.0	6.5	9.0	11.1	12.4	13.0	13.0	12.4	11.1	9.0	6.5	4.0	2.0				
-70	0.4	3.8	9.9	15.7	17.4	15.7	9.9	3.8	0.4										
-80		0.4	3.8	9.9	15.7	17.4	15.7	9.9	3.8	0.4									
-90	0.4	3.8	9.9	15.7	17.4	15.7	9.9	3.8	0.4										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

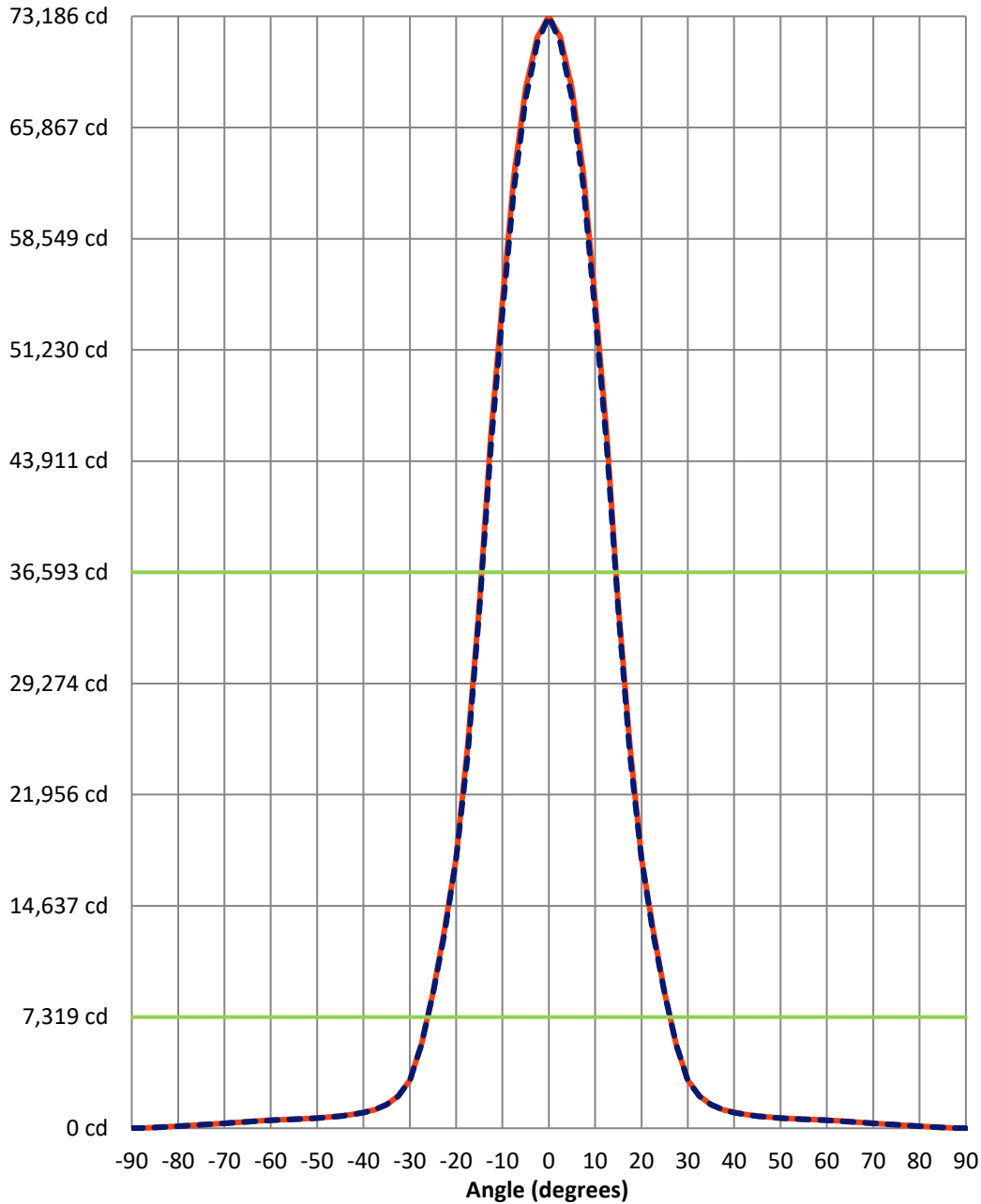
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.8°
V Angle: 29°
Lumens: 11117
Efficiency: 48.6%

Field:
H Angle: 52.3°
V Angle: 52.3°
Lumens: 18761
Efficiency: 82.0%

Spill:
Lumens: 4104.8
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	0.8	1.6	2.5	3.3	4.1	4.9	5.7	6.4	7.2	7.9
85°	0.0	1.6	3.3	4.9	6.5	8.1	9.7	11.3	12.8	14.4	15.9
82.5°	0.0	2.5	4.9	7.3	9.8	12.2	14.6	16.9	19.6	24.1	28.7
80°	0.0	3.3	6.5	9.8	13.0	16.2	19.8	25.5	31.5	37.8	44.4
77.5°	0.0	4.1	8.1	12.2	16.2	21.2	28.2	35.5	43.3	51.4	60.4
75°	0.0	4.9	9.7	14.6	19.8	28.2	36.4	45.4	55.1	66.5	77.7
72.5°	0.0	5.7	11.3	16.9	25.3	35.0	44.6	55.7	68.9	82.0	94.9
70°	0.0	6.4	12.8	19.6	30.7	41.8	53.0	67.7	82.6	97.3	113.3
67.5°	0.0	7.2	14.4	23.6	36.0	48.4	63.3	79.5	96.1	114.1	131.8
65°	0.0	7.9	15.9	27.5	41.3	55.9	73.4	91.1	110.7	130.5	150.5
62.5°	0.0	8.7	17.3	31.4	46.4	64.1	83.2	103.3	125.1	146.8	169.7
60°	0.0	9.4	18.8	35.1	51.4	72.2	92.9	115.7	139.2	163.4	188.4
57.5°	0.0	10.1	21.2	38.8	57.7	80.1	103.1	127.7	153.2	179.5	206.9
55°	0.0	10.8	23.6	42.4	63.8	87.8	112.9	139.4	166.7	195.1	225.1
52.5°	0.0	11.4	25.9	45.9	69.8	95.3	122.5	150.8	179.8	211.0	242.7
50°	0.0	12.1	28.2	49.2	75.5	102.8	131.6	161.8	192.6	226.3	259.0
47.5°	0.0	12.7	30.3	52.7	81.1	110.1	140.4	172.4	205.7	241.1	274.4
45°	0.0	13.3	32.4	56.7	86.4	117.0	149.1	182.6	218.4	254.2	289.0
42.5°	0.0	13.9	34.4	60.5	91.6	123.5	157.5	192.7	230.4	266.5	302.4
40°	0.0	14.4	36.3	64.2	96.5	129.7	165.4	202.6	241.4	278.0	315.0
37.5°	0.0	14.9	38.1	67.5	101.2	135.5	173.0	211.9	251.2	289.1	327.0
35°	0.0	15.4	39.8	70.7	105.5	141.2	180.1	220.5	260.5	299.5	338.3
32.5°	0.0	15.9	41.4	73.6	109.6	146.8	186.8	228.5	269.1	309.2	349.2
30°	0.0	16.3	42.9	76.2	113.4	151.9	193.2	235.7	277.1	318.3	359.4
27.5°	0.0	16.7	44.2	78.6	116.8	156.7	199.0	242.1	284.5	326.6	368.7
25°	0.0	17.0	45.5	80.8	120.0	161.0	204.2	248.0	291.2	334.3	377.3
22.5°	0.0	17.4	46.7	82.8	122.9	165.0	208.9	253.2	297.2	341.1	385.9
20°	0.0	17.7	47.7	84.4	125.6	168.4	213.0	257.9	302.6	347.2	393.5
17.5°	0.0	17.9	48.6	85.9	128.0	171.3	216.8	261.9	307.2	352.5	400.2
15°	0.0	18.2	49.5	87.1	130.1	173.7	220.2	265.6	311.2	357.0	405.8
12.5°	0.0	18.4	50.1	88.0	131.9	175.7	223.1	269.2	314.8	360.7	410.5
10°	0.0	18.5	50.7	88.8	133.4	177.1	225.6	272.0	318.2	365.0	414.8
7.5°	0.0	18.6	51.1	89.2	134.6	178.2	227.6	274.3	320.8	368.9	419.5
5°	0.0	18.7	51.4	89.5	135.5	178.7	229.0	275.9	322.6	372.1	423.2
2.5°	0.0	18.8	51.6	89.5	136.0	178.8	229.9	276.9	323.7	374.4	425.9
0°	0.0	18.8	51.7	89.3	136.2	178.5	230.2	277.2	324.1	375.8	427.5
-2.5°	0.0	18.8	51.6	89.5	136.0	178.8	229.9	276.9	323.7	374.4	425.9
-5°	0.0	18.7	51.4	89.5	135.5	178.7	229.0	275.9	322.6	372.1	423.2
-7.5°	0.0	18.6	51.1	89.2	134.6	178.2	227.6	274.3	320.8	368.9	419.5
-10°	0.0	18.5	50.7	88.8	133.4	177.1	225.6	272.0	318.2	365.0	414.8
-12.5°	0.0	18.4	50.1	88.0	131.9	175.7	223.1	269.2	314.8	360.7	410.5
-15°	0.0	18.2	49.5	87.1	130.1	173.7	220.2	265.6	311.2	357.0	405.8
-17.5°	0.0	17.9	48.6	85.9	128.0	171.3	216.8	261.9	307.2	352.5	400.2
-20°	0.0	17.7	47.7	84.4	125.6	168.4	213.0	257.9	302.6	347.2	393.5

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5B-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	17.4	46.7	82.8	122.9	165.0	208.9	253.2	297.2	341.1	385.9
-25°	0.0	17.0	45.5	80.8	120.0	161.0	204.2	248.0	291.2	334.3	377.3
-27.5°	0.0	16.7	44.2	78.6	116.8	156.7	199.0	242.1	284.5	326.6	368.7
-30°	0.0	16.3	42.9	76.2	113.4	151.9	193.2	235.7	277.1	318.3	359.4
-32.5°	0.0	15.9	41.4	73.6	109.6	146.8	186.8	228.5	269.1	309.2	349.2
-35°	0.0	15.4	39.8	70.7	105.5	141.2	180.1	220.5	260.5	299.5	338.3
-37.5°	0.0	14.9	38.1	67.5	101.2	135.5	173.0	211.9	251.2	289.1	327.0
-40°	0.0	14.4	36.3	64.2	96.5	129.7	165.4	202.6	241.4	278.0	315.0
-42.5°	0.0	13.9	34.4	60.5	91.6	123.5	157.5	192.7	230.4	266.5	302.4
-45°	0.0	13.3	32.4	56.7	86.4	117.0	149.1	182.6	218.4	254.2	289.0
-47.5°	0.0	12.7	30.3	52.7	81.1	110.1	140.4	172.4	205.7	241.1	274.4
-50°	0.0	12.1	28.2	49.2	75.5	102.8	131.6	161.8	192.6	226.3	259.0
-52.5°	0.0	11.4	25.9	45.9	69.8	95.3	122.5	150.8	179.8	211.0	242.7
-55°	0.0	10.8	23.6	42.4	63.8	87.8	112.9	139.4	166.7	195.1	225.1
-57.5°	0.0	10.1	21.2	38.8	57.7	80.1	103.1	127.7	153.2	179.5	206.9
-60°	0.0	9.4	18.8	35.1	51.4	72.2	92.9	115.7	139.2	163.4	188.4
-62.5°	0.0	8.7	17.3	31.4	46.4	64.1	83.2	103.3	125.1	146.8	169.7
-65°	0.0	7.9	15.9	27.5	41.3	55.9	73.4	91.1	110.7	130.5	150.5
-67.5°	0.0	7.2	14.4	23.6	36.0	48.4	63.3	79.5	96.1	114.1	131.8
-70°	0.0	6.4	12.8	19.6	30.7	41.8	53.0	67.7	82.6	97.3	113.3
-72.5°	0.0	5.7	11.3	16.9	25.3	35.0	44.6	55.7	68.9	82.0	94.9
-75°	0.0	4.9	9.7	14.6	19.8	28.2	36.4	45.4	55.1	66.5	77.7
-77.5°	0.0	4.1	8.1	12.2	16.2	21.2	28.2	35.5	43.3	51.4	60.4
-80°	0.0	3.3	6.5	9.8	13.0	16.2	19.8	25.5	31.5	37.8	44.4
-82.5°	0.0	2.5	4.9	7.3	9.8	12.2	14.6	16.9	19.6	24.1	28.7
-85°	0.0	1.6	3.3	4.9	6.5	8.1	9.7	11.3	12.8	14.4	15.9
-87.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.7	6.4	7.2	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.7	9.4	10.1	10.8	11.4	12.1	12.7	13.3	13.9	14.4	14.9
85°	17.3	18.8	21.6	24.3	26.9	29.5	32.0	34.3	36.6	38.8	40.8
82.5°	33.2	37.5	41.7	45.8	49.7	53.6	57.3	60.8	64.3	67.5	70.6
80°	50.4	56.1	61.9	67.2	72.5	77.6	82.5	87.3	91.8	96.7	101.9
77.5°	68.6	75.9	82.6	88.7	95.3	103.3	111.0	118.5	125.6	132.3	138.8
75°	87.3	95.7	104.9	113.9	123.4	133.0	142.3	151.3	160.0	169.0	177.9
72.5°	107.1	118.4	129.5	140.2	152.1	163.8	174.5	184.3	195.3	207.5	218.7
70°	128.0	141.1	155.0	168.8	182.3	195.3	208.6	222.0	235.5	248.6	261.1
67.5°	149.0	165.5	181.6	197.3	212.6	228.2	243.9	260.1	275.6	290.5	304.9
65°	171.4	189.8	207.9	225.4	242.5	261.5	280.2	298.2	317.8	336.1	351.9
62.5°	193.2	213.9	233.8	253.6	274.4	295.4	317.0	339.6	363.0	379.9	394.5
60°	214.2	237.5	259.7	282.5	305.6	329.3	354.1	378.2	399.6	418.1	433.4
57.5°	234.6	260.7	285.4	310.1	335.3	362.2	389.6	414.3	434.2	452.0	468.8
55°	254.5	283.4	309.6	335.8	364.5	396.2	424.2	446.5	466.9	481.6	497.7
52.5°	273.4	304.3	331.7	361.1	394.0	426.8	454.7	476.3	493.4	508.7	524.3
50°	291.4	322.5	352.9	386.4	421.1	454.0	482.3	502.1	519.3	535.1	550.2
47.5°	307.8	340.0	374.4	410.3	446.5	479.1	506.1	526.3	544.1	560.4	577.0
45°	323.1	357.9	394.4	433.7	470.8	503.1	527.6	549.4	566.5	584.9	605.7
42.5°	337.9	375.0	414.7	456.5	494.5	523.9	547.7	568.6	588.4	610.4	633.6
40°	352.3	391.0	434.0	477.9	516.6	542.1	565.9	588.0	610.9	635.9	661.2
37.5°	365.9	407.4	452.0	497.9	532.8	559.3	584.0	608.6	634.3	661.2	692.6
35°	378.3	422.5	469.2	513.6	547.0	576.0	602.5	629.2	657.9	690.8	725.4
32.5°	390.4	436.2	485.3	526.8	560.1	591.1	620.2	650.5	683.4	719.5	759.1
30°	402.3	449.7	499.3	540.3	571.8	603.4	637.7	671.4	707.9	748.0	794.5
27.5°	413.8	462.1	511.0	550.9	582.0	614.2	650.9	691.9	731.8	775.7	829.6
25°	424.4	474.9	522.6	559.4	590.8	624.5	662.9	706.5	753.3	805.7	871.7
22.5°	434.4	486.5	533.5	566.5	598.1	633.5	674.8	720.9	771.8	832.5	913.1
20°	443.7	495.4	540.8	573.1	604.2	640.8	685.1	733.6	791.8	865.3	961.8
17.5°	451.9	503.0	545.9	578.5	610.6	648.2	693.9	744.3	809.8	894.3	1008.5
15°	458.9	509.3	550.2	582.7	616.0	655.8	702.9	757.9	829.6	922.7	1048.8
12.5°	464.6	514.1	553.9	585.7	620.2	661.5	710.6	770.9	849.3	953.7	1103.1
10°	469.2	517.6	556.8	587.6	623.2	665.2	716.6	781.1	865.3	979.5	1149.7
7.5°	473.6	520.8	558.8	588.3	624.9	667.1	720.7	788.3	877.0	999.0	1186.8
5°	476.7	523.7	560.0	590.1	626.0	667.9	723.6	792.4	884.3	1011.8	1213.0
2.5°	478.6	525.5	560.0	591.4	626.0	668.3	726.9	794.8	892.4	1022.6	1227.9
0°	479.2	526.1	559.0	591.9	624.8	667.1	728.1	793.9	897.3	1028.8	1230.8
-2.5°	478.6	525.5	560.0	591.4	626.0	668.3	726.9	794.8	892.4	1022.6	1227.9
-5°	476.7	523.7	560.0	590.1	626.0	667.9	723.6	792.4	884.3	1011.8	1213.0
-7.5°	473.6	520.8	558.8	588.3	624.9	667.1	720.7	788.3	877.0	999.0	1186.8
-10°	469.2	517.6	556.8	587.6	623.2	665.2	716.6	781.1	865.3	979.5	1149.7
-12.5°	464.6	514.1	553.9	585.7	620.2	661.5	710.6	770.9	849.3	953.7	1103.1
-15°	458.9	509.3	550.2	582.7	616.0	655.8	702.9	757.9	829.6	922.7	1048.8
-17.5°	451.9	503.0	545.9	578.5	610.6	648.2	693.9	744.3	809.8	894.3	1008.5
-20°	443.7	495.4	540.8	573.1	604.2	640.8	685.1	733.6	791.8	865.3	961.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	434.4	486.5	533.5	566.5	598.1	633.5	674.8	720.9	771.8	832.5	913.1
-25°	424.4	474.9	522.6	559.4	590.8	624.5	662.9	706.5	753.3	805.7	871.7
-27.5°	413.8	462.1	511.0	550.9	582.0	614.2	650.9	691.9	731.8	775.7	829.6
-30°	402.3	449.7	499.3	540.3	571.8	603.4	637.7	671.4	707.9	748.0	794.5
-32.5°	390.4	436.2	485.3	526.8	560.1	591.1	620.2	650.5	683.4	719.5	759.1
-35°	378.3	422.5	469.2	513.6	547.0	576.0	602.5	629.2	657.9	690.8	725.4
-37.5°	365.9	407.4	452.0	497.9	532.8	559.3	584.0	608.6	634.3	661.2	692.6
-40°	352.3	391.0	434.0	477.9	516.6	542.1	565.9	588.0	610.9	635.9	661.2
-42.5°	337.9	375.0	414.7	456.5	494.5	523.9	547.7	568.6	588.4	610.4	633.6
-45°	323.1	357.9	394.4	433.7	470.8	503.1	527.6	549.4	566.5	584.9	605.7
-47.5°	307.8	340.0	374.4	410.3	446.5	479.1	506.1	526.3	544.1	560.4	577.0
-50°	291.4	322.5	352.9	386.4	421.1	454.0	482.3	502.1	519.3	535.1	550.2
-52.5°	273.4	304.3	331.7	361.1	394.0	426.8	454.7	476.3	493.4	508.7	524.3
-55°	254.5	283.4	309.6	335.8	364.5	396.2	424.2	446.5	466.9	481.6	497.7
-57.5°	234.6	260.7	285.4	310.1	335.3	362.2	389.6	414.3	434.2	452.0	468.8
-60°	214.2	237.5	259.7	282.5	305.6	329.3	354.1	378.2	399.6	418.1	433.4
-62.5°	193.2	213.9	233.8	253.6	274.4	295.4	317.0	339.6	363.0	379.9	394.5
-65°	171.4	189.8	207.9	225.4	242.5	261.5	280.2	298.2	317.8	336.1	351.9
-67.5°	149.0	165.5	181.6	197.3	212.6	228.2	243.9	260.1	275.6	290.5	304.9
-70°	128.0	141.1	155.0	168.8	182.3	195.3	208.6	222.0	235.5	248.6	261.1
-72.5°	107.1	118.4	129.5	140.2	152.1	163.8	174.5	184.3	195.3	207.5	218.7
-75°	87.3	95.7	104.9	113.9	123.4	133.0	142.3	151.3	160.0	169.0	177.9
-77.5°	68.6	75.9	82.6	88.7	95.3	103.3	111.0	118.5	125.6	132.3	138.8
-80°	50.4	56.1	61.9	67.2	72.5	77.6	82.5	87.3	91.8	96.7	101.9
-82.5°	33.2	37.5	41.7	45.8	49.7	53.6	57.3	60.8	64.3	67.5	70.6
-85°	17.3	18.8	21.6	24.3	26.9	29.5	32.0	34.3	36.6	38.8	40.8
-87.5°	8.7	9.4	10.1	10.8	11.4	12.1	12.7	13.3	13.9	14.4	14.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	15.4	15.9	16.3	16.7	17.0	17.4	17.7	17.9	18.2	18.4	18.5
85°	42.8	44.6	46.3	47.9	49.3	49.7	49.8	49.7	49.5	50.1	50.7
82.5°	73.5	76.8	80.2	83.5	86.7	87.9	88.7	89.3	89.7	91.0	92.1
80°	106.7	111.9	116.7	121.1	124.9	127.6	130.1	132.4	134.5	135.4	135.9
77.5°	145.3	151.6	157.5	163.0	168.0	172.1	175.3	177.9	179.9	181.2	182.0
75°	186.8	194.8	202.0	208.6	214.7	218.9	221.9	224.0	225.5	227.1	228.3
72.5°	228.8	237.9	246.4	254.3	261.3	266.2	269.7	272.4	274.5	276.1	276.9
70°	273.0	283.8	293.2	301.1	307.4	312.1	315.8	318.8	321.1	322.6	323.5
67.5°	318.6	330.2	339.0	345.9	351.6	356.6	361.2	364.6	366.8	369.1	371.5
65°	365.1	377.0	385.9	393.3	399.3	405.7	411.6	416.0	418.9	421.6	424.3
62.5°	408.9	422.3	432.7	442.4	452.2	461.4	466.8	470.9	473.9	476.5	479.6
60°	448.7	463.9	476.6	488.3	500.3	512.3	517.2	521.1	524.7	528.2	531.3
57.5°	484.0	500.2	515.6	527.1	538.6	549.8	557.5	561.8	564.6	566.2	567.5
55°	514.8	530.9	546.2	559.6	572.0	583.5	592.2	596.3	599.4	601.4	602.6
52.5°	542.2	559.5	575.9	590.8	604.2	616.6	627.4	633.1	637.8	641.1	642.1
50°	569.3	588.0	605.8	621.6	637.2	652.1	665.8	673.8	679.3	682.8	683.9
47.5°	597.5	617.8	637.0	655.4	673.2	690.8	707.1	717.9	725.9	731.8	736.0
45°	626.9	648.7	670.0	691.7	712.1	734.9	755.4	771.2	782.8	792.9	801.0
42.5°	656.5	681.0	705.5	733.4	761.2	787.1	811.6	832.5	851.6	870.3	884.9
40°	688.7	715.5	748.9	782.0	816.3	846.5	882.2	914.1	943.5	975.2	1001.5
37.5°	723.9	758.3	797.9	837.6	882.2	925.4	975.3	1024.5	1067.2	1122.7	1167.3
35°	762.1	805.8	852.5	905.8	963.3	1031.2	1101.1	1183.0	1252.4	1340.7	1422.1
32.5°	804.8	856.1	916.7	990.0	1067.7	1176.7	1279.0	1417.8	1536.4	1689.5	1856.8
30°	848.2	914.5	997.0	1091.6	1223.0	1377.7	1558.1	1792.8	2046.6	2309.3	2662.8
27.5°	899.6	985.7	1088.8	1234.8	1431.3	1645.5	2013.0	2409.9	2962.8	3400.4	4180.0
25°	954.9	1061.6	1213.8	1425.5	1697.0	2130.5	2750.9	3469.3	4575.6	5559.7	6690.6
22.5°	1020.6	1165.4	1366.9	1644.1	2117.4	2863.2	3831.6	5307.0	6947.0	8565.7	10045.1
20°	1090.1	1265.0	1546.8	1998.2	2729.7	3808.1	5536.0	7644.1	9821.3	12039.6	13909.1
17.5°	1171.2	1408.7	1779.9	2379.5	3423.1	5269.5	7577.3	10257.9	13102.4	15933.0	18391.8
15°	1240.9	1534.4	2034.2	2932.2	4488.6	6798.0	9634.4	13019.9	16597.0	20270.6	24252.1
12.5°	1329.8	1685.8	2296.2	3389.3	5433.8	8435.6	11906.2	15836.8	20204.9	25082.6	31289.7
10°	1411.4	1844.7	2640.9	4121.5	6570.2	9965.3	13868.5	18328.0	23993.7	31323.6	38810.8
7.5°	1476.7	1970.7	2908.2	4692.9	7523.2	11272.2	15635.5	20982.1	28050.6	36778.8	45333.5
5°	1522.2	2058.0	3099.4	5124.6	8289.7	12270.9	16889.3	22938.7	31470.0	41244.1	49979.0
2.5°	1550.8	2105.7	3193.0	5381.0	8789.7	12871.9	17671.7	24182.1	33565.8	44086.6	52930.4
0°	1564.3	2114.0	3133.4	5505.7	8859.9	12829.5	17743.3	24597.2	34063.1	44858.5	53666.7
-2.5°	1550.8	2105.7	3193.0	5381.0	8789.7	12871.9	17671.7	24182.1	33565.8	44086.6	52930.4
-5°	1522.2	2058.0	3099.4	5124.6	8289.7	12270.9	16889.3	22938.7	31470.0	41244.1	49979.0
-7.5°	1476.7	1970.7	2908.2	4692.9	7523.2	11272.2	15635.5	20982.1	28050.6	36778.8	45333.5
-10°	1411.4	1844.7	2640.9	4121.5	6570.2	9965.3	13868.5	18328.0	23993.7	31323.6	38810.8
-12.5°	1329.8	1685.8	2296.2	3389.3	5433.8	8435.6	11906.2	15836.8	20204.9	25082.6	31289.7
-15°	1240.9	1534.4	2034.2	2932.2	4488.6	6798.0	9634.4	13019.9	16597.0	20270.6	24252.1
-17.5°	1171.2	1408.7	1779.9	2379.5	3423.1	5269.5	7577.3	10257.9	13102.4	15933.0	18391.8
-20°	1090.1	1265.0	1546.8	1998.2	2729.7	3808.1	5536.0	7644.1	9821.3	12039.6	13909.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	1020.6	1165.4	1366.9	1644.1	2117.4	2863.2	3831.6	5307.0	6947.0	8565.7	10045.1
-25°	954.9	1061.6	1213.8	1425.5	1697.0	2130.5	2750.9	3469.3	4575.6	5559.7	6690.6
-27.5°	899.6	985.7	1088.8	1234.8	1431.3	1645.5	2013.0	2409.9	2962.8	3400.4	4180.0
-30°	848.2	914.5	997.0	1091.6	1223.0	1377.7	1558.1	1792.8	2046.6	2309.3	2662.8
-32.5°	804.8	856.1	916.7	990.0	1067.7	1176.7	1279.0	1417.8	1536.4	1689.5	1856.8
-35°	762.1	805.8	852.5	905.8	963.3	1031.2	1101.1	1183.0	1252.4	1340.7	1422.1
-37.5°	723.9	758.3	797.9	837.6	882.2	925.4	975.3	1024.5	1067.2	1122.7	1167.3
-40°	688.7	715.5	748.9	782.0	816.3	846.5	882.2	914.1	943.5	975.2	1001.5
-42.5°	656.5	681.0	705.5	733.4	761.2	787.1	811.6	832.5	851.6	870.3	884.9
-45°	626.9	648.7	670.0	691.7	712.1	734.9	755.4	771.2	782.8	792.9	801.0
-47.5°	597.5	617.8	637.0	655.4	673.2	690.8	707.1	717.9	725.9	731.8	736.0
-50°	569.3	588.0	605.8	621.6	637.2	652.1	665.8	673.8	679.3	682.8	683.9
-52.5°	542.2	559.5	575.9	590.8	604.2	616.6	627.4	633.1	637.8	641.1	642.1
-55°	514.8	530.9	546.2	559.6	572.0	583.5	592.2	596.3	599.4	601.4	602.6
-57.5°	484.0	500.2	515.6	527.1	538.6	549.8	557.5	561.8	564.6	566.2	567.5
-60°	448.7	463.9	476.6	488.3	500.3	512.3	517.2	521.1	524.7	528.2	531.3
-62.5°	408.9	422.3	432.7	442.4	452.2	461.4	466.8	470.9	473.9	476.5	479.6
-65°	365.1	377.0	385.9	393.3	399.3	405.7	411.6	416.0	418.9	421.6	424.3
-67.5°	318.6	330.2	339.0	345.9	351.6	356.6	361.2	364.6	366.8	369.1	371.5
-70°	273.0	283.8	293.2	301.1	307.4	312.1	315.8	318.8	321.1	322.6	323.5
-72.5°	228.8	237.9	246.4	254.3	261.3	266.2	269.7	272.4	274.5	276.1	276.9
-75°	186.8	194.8	202.0	208.6	214.7	218.9	221.9	224.0	225.5	227.1	228.3
-77.5°	145.3	151.6	157.5	163.0	168.0	172.1	175.3	177.9	179.9	181.2	182.0
-80°	106.7	111.9	116.7	121.1	124.9	127.6	130.1	132.4	134.5	135.4	135.9
-82.5°	73.5	76.8	80.2	83.5	86.7	87.9	88.7	89.3	89.7	91.0	92.1
-85°	42.8	44.6	46.3	47.9	49.3	49.7	49.8	49.7	49.5	50.1	50.7
-87.5°	15.4	15.9	16.3	16.7	17.0	17.4	17.7	17.9	18.2	18.4	18.5
-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: P627565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	18.6	18.7	18.8	18.8	18.8	18.7	18.6	18.5	18.4	18.2	17.9
85°	51.1	51.4	51.6	51.7	51.6	51.4	51.1	50.7	50.1	49.5	49.7
82.5°	92.9	93.5	93.9	94.0	93.9	93.5	92.9	92.1	91.0	89.7	89.3
80°	135.9	135.6	136.0	136.2	136.0	135.6	135.9	135.9	135.4	134.5	132.4
77.5°	182.4	182.3	183.0	183.2	183.0	182.3	182.4	182.0	181.2	179.9	177.9
75°	229.0	229.2	229.9	230.2	229.9	229.2	229.0	228.3	227.1	225.5	224.0
72.5°	276.9	276.1	276.9	277.2	276.9	276.1	276.9	276.9	276.1	274.5	272.4
70°	323.6	322.9	325.9	328.8	325.9	322.9	323.6	323.5	322.6	321.1	318.8
67.5°	373.2	374.1	377.5	380.5	377.5	374.1	373.2	371.5	369.1	366.8	364.6
65°	425.7	425.9	429.1	432.2	429.1	425.9	425.7	424.3	421.6	418.9	416.0
62.5°	481.4	481.9	485.3	488.6	485.3	481.9	481.4	479.6	476.5	473.9	470.9
60°	533.1	533.6	534.9	535.5	534.9	533.6	533.1	531.3	528.2	524.7	521.1
57.5°	567.9	567.4	567.9	568.4	567.9	567.4	567.9	567.5	566.2	564.6	561.8
55°	602.4	600.8	599.0	596.6	599.0	600.8	602.4	602.6	601.4	599.4	596.3
52.5°	641.3	638.8	636.5	634.2	636.5	638.8	641.3	642.1	641.1	637.8	633.1
50°	683.2	681.0	678.8	676.5	678.8	681.0	683.2	683.9	682.8	679.3	673.8
47.5°	738.9	739.9	739.5	737.5	739.5	739.9	738.9	736.0	731.8	725.9	717.9
45°	806.8	809.5	809.8	808.0	809.8	809.5	806.8	801.0	792.9	782.8	771.2
42.5°	895.2	901.1	904.4	906.7	904.4	901.1	895.2	884.9	870.3	851.6	832.5
40°	1020.5	1032.7	1040.4	1047.6	1040.4	1032.7	1020.5	1001.5	975.2	943.5	914.1
37.5°	1200.3	1222.3	1232.2	1226.1	1232.2	1222.3	1200.3	1167.3	1122.7	1067.2	1024.5
35°	1484.8	1526.7	1548.4	1550.2	1548.4	1526.7	1484.8	1422.1	1340.7	1252.4	1183.0
32.5°	1980.4	2066.1	2112.2	2118.7	2112.2	2066.1	1980.4	1856.8	1689.5	1536.4	1417.8
30°	2933.5	3108.3	3190.4	3171.0	3190.4	3108.3	2933.5	2662.8	2309.3	2046.6	1792.8
27.5°	4786.1	5222.1	5480.5	5501.0	5480.5	5222.1	4786.1	4180.0	3400.4	2962.8	2409.9
25°	7692.3	8436.6	8913.3	8921.0	8913.3	8436.6	7692.3	6690.6	5559.7	4575.6	3469.3
22.5°	11413.1	12429.2	12985.9	13083.1	12985.9	12429.2	11413.1	10045.1	8565.7	6947.0	5307.0
20°	15723.9	17075.6	17798.8	17799.6	17798.8	17075.6	15723.9	13909.1	12039.6	9821.3	7644.1
17.5°	21032.9	23227.7	24605.5	25198.5	24605.5	23227.7	21032.9	18391.8	15933.0	13102.4	10257.9
15°	28085.9	31774.2	33984.3	34382.6	33984.3	31774.2	28085.9	24252.1	20270.6	16597.0	13019.9
12.5°	36673.8	41341.4	44478.9	45628.9	44478.9	41341.4	36673.8	31289.7	25082.6	20204.9	15836.8
10°	45640.2	49965.0	53326.3	54455.9	53326.3	49965.0	45640.2	38810.8	31323.6	23993.7	18328.0
7.5°	52117.8	57274.9	61061.2	62723.9	61061.2	57274.9	52117.8	45333.5	36778.8	28050.6	20982.1
5°	57231.2	63333.3	66857.9	68422.2	66857.9	63333.3	57231.2	49979.0	41244.1	31470.0	22938.7
2.5°	60586.2	66615.7	70348.0	71790.5	70348.0	66615.7	60586.2	52930.4	44086.6	33565.8	24182.1
0°	61840.7	67736.3	71424.1	73185.7	71424.1	67736.3	61840.7	53666.7	44858.5	34063.1	24597.2
-2.5°	60586.2	66615.7	70348.0	71790.5	70348.0	66615.7	60586.2	52930.4	44086.6	33565.8	24182.1
-5°	57231.2	63333.3	66857.9	68422.2	66857.9	63333.3	57231.2	49979.0	41244.1	31470.0	22938.7
-7.5°	52117.8	57274.9	61061.2	62723.9	61061.2	57274.9	52117.8	45333.5	36778.8	28050.6	20982.1
-10°	45640.2	49965.0	53326.3	54455.9	53326.3	49965.0	45640.2	38810.8	31323.6	23993.7	18328.0
-12.5°	36673.8	41341.4	44478.9	45628.9	44478.9	41341.4	36673.8	31289.7	25082.6	20204.9	15836.8
-15°	28085.9	31774.2	33984.3	34382.6	33984.3	31774.2	28085.9	24252.1	20270.6	16597.0	13019.9
-17.5°	21032.9	23227.7	24605.5	25198.5	24605.5	23227.7	21032.9	18391.8	15933.0	13102.4	10257.9
-20°	15723.9	17075.6	17798.8	17799.6	17798.8	17075.6	15723.9	13909.1	12039.6	9821.3	7644.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	11413.1	12429.2	12985.9	13083.1	12985.9	12429.2	11413.1	10045.1	8565.7	6947.0	5307.0
-25°	7692.3	8436.6	8913.3	8921.0	8913.3	8436.6	7692.3	6690.6	5559.7	4575.6	3469.3
-27.5°	4786.1	5222.1	5480.5	5501.0	5480.5	5222.1	4786.1	4180.0	3400.4	2962.8	2409.9
-30°	2933.5	3108.3	3190.4	3171.0	3190.4	3108.3	2933.5	2662.8	2309.3	2046.6	1792.8
-32.5°	1980.4	2066.1	2112.2	2118.7	2112.2	2066.1	1980.4	1856.8	1689.5	1536.4	1417.8
-35°	1484.8	1526.7	1548.4	1550.2	1548.4	1526.7	1484.8	1422.1	1340.7	1252.4	1183.0
-37.5°	1200.3	1222.3	1232.2	1226.1	1232.2	1222.3	1200.3	1167.3	1122.7	1067.2	1024.5
-40°	1020.5	1032.7	1040.4	1047.6	1040.4	1032.7	1020.5	1001.5	975.2	943.5	914.1
-42.5°	895.2	901.1	904.4	906.7	904.4	901.1	895.2	884.9	870.3	851.6	832.5
-45°	806.8	809.5	809.8	808.0	809.8	809.5	806.8	801.0	792.9	782.8	771.2
-47.5°	738.9	739.9	739.5	737.5	739.5	739.9	738.9	736.0	731.8	725.9	717.9
-50°	683.2	681.0	678.8	676.5	678.8	681.0	683.2	683.9	682.8	679.3	673.8
-52.5°	641.3	638.8	636.5	634.2	636.5	638.8	641.3	642.1	641.1	637.8	633.1
-55°	602.4	600.8	599.0	596.6	599.0	600.8	602.4	602.6	601.4	599.4	596.3
-57.5°	567.9	567.4	567.9	568.4	567.9	567.4	567.9	567.5	566.2	564.6	561.8
-60°	533.1	533.6	534.9	535.5	534.9	533.6	533.1	531.3	528.2	524.7	521.1
-62.5°	481.4	481.9	485.3	488.6	485.3	481.9	481.4	479.6	476.5	473.9	470.9
-65°	425.7	425.9	429.1	432.2	429.1	425.9	425.7	424.3	421.6	418.9	416.0
-67.5°	373.2	374.1	377.5	380.5	377.5	374.1	373.2	371.5	369.1	366.8	364.6
-70°	323.6	322.9	325.9	328.8	325.9	322.9	323.6	323.5	322.6	321.1	318.8
-72.5°	276.9	276.1	276.9	277.2	276.9	276.1	276.9	276.9	276.1	274.5	272.4
-75°	229.0	229.2	229.9	230.2	229.9	229.2	229.0	228.3	227.1	225.5	224.0
-77.5°	182.4	182.3	183.0	183.2	183.0	182.3	182.4	182.0	181.2	179.9	177.9
-80°	135.9	135.6	136.0	136.2	136.0	135.6	135.9	135.9	135.4	134.5	132.4
-82.5°	92.9	93.5	93.9	94.0	93.9	93.5	92.9	92.1	91.0	89.7	89.3
-85°	51.1	51.4	51.6	51.7	51.6	51.4	51.1	50.7	50.1	49.5	49.7
-87.5°	18.6	18.7	18.8	18.8	18.8	18.7	18.6	18.5	18.4	18.2	17.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	17.7	17.4	17.0	16.7	16.3	15.9	15.4	14.9	14.4	13.9	13.3
85°	49.8	49.7	49.3	47.9	46.3	44.6	42.8	40.8	38.8	36.6	34.3
82.5°	88.7	87.9	86.7	83.5	80.2	76.8	73.5	70.6	67.5	64.3	60.8
80°	130.1	127.6	124.9	121.1	116.7	111.9	106.7	101.9	96.7	91.8	87.3
77.5°	175.3	172.1	168.0	163.0	157.5	151.6	145.3	138.8	132.3	125.6	118.5
75°	221.9	218.9	214.7	208.6	202.0	194.8	186.8	177.9	169.0	160.0	151.3
72.5°	269.7	266.2	261.3	254.3	246.4	237.9	228.8	218.7	207.5	195.3	184.3
70°	315.8	312.1	307.4	301.1	293.2	283.8	273.0	261.1	248.6	235.5	222.0
67.5°	361.2	356.6	351.6	345.9	339.0	330.2	318.6	304.9	290.5	275.6	260.1
65°	411.6	405.7	399.3	393.3	385.9	377.0	365.1	351.9	336.1	317.8	298.2
62.5°	466.8	461.4	452.2	442.4	432.7	422.3	408.9	394.5	379.9	363.0	339.6
60°	517.2	512.3	500.3	488.3	476.6	463.9	448.7	433.4	418.1	399.6	378.2
57.5°	557.5	549.8	538.6	527.1	515.6	500.2	484.0	468.8	452.0	434.2	414.3
55°	592.2	583.5	572.0	559.6	546.2	530.9	514.8	497.7	481.6	466.9	446.5
52.5°	627.4	616.6	604.2	590.8	575.9	559.5	542.2	524.3	508.7	493.4	476.3
50°	665.8	652.1	637.2	621.6	605.8	588.0	569.3	550.2	535.1	519.3	502.1
47.5°	707.1	690.8	673.2	655.4	637.0	617.8	597.5	577.0	560.4	544.1	526.3
45°	755.4	734.9	712.1	691.7	670.0	648.7	626.9	605.7	584.9	566.5	549.4
42.5°	811.6	787.1	761.2	733.4	705.5	681.0	656.5	633.6	610.4	588.4	568.6
40°	882.2	846.5	816.3	782.0	748.9	715.5	688.7	661.2	635.9	610.9	588.0
37.5°	975.3	925.4	882.2	837.6	797.9	758.3	723.9	692.6	661.2	634.3	608.6
35°	1101.1	1031.2	963.3	905.8	852.5	805.8	762.1	725.4	690.8	657.9	629.2
32.5°	1279.0	1176.7	1067.7	990.0	916.7	856.1	804.8	759.1	719.5	683.4	650.5
30°	1558.1	1377.7	1223.0	1091.6	997.0	914.5	848.2	794.5	748.0	707.9	671.4
27.5°	2013.0	1645.5	1431.3	1234.8	1088.8	985.7	899.6	829.6	775.7	731.8	691.9
25°	2750.9	2130.5	1697.0	1425.5	1213.8	1061.6	954.9	871.7	805.7	753.3	706.5
22.5°	3831.6	2863.2	2117.4	1644.1	1366.9	1165.4	1020.6	913.1	832.5	771.8	720.9
20°	5536.0	3808.1	2729.7	1998.2	1546.8	1265.0	1090.1	961.8	865.3	791.8	733.6
17.5°	7577.3	5269.5	3423.1	2379.5	1779.9	1408.7	1171.2	1008.5	894.3	809.8	744.3
15°	9634.4	6798.0	4488.6	2932.2	2034.2	1534.4	1240.9	1048.8	922.7	829.6	757.9
12.5°	11906.2	8435.6	5433.8	3389.3	2296.2	1685.8	1329.8	1103.1	953.7	849.3	770.9
10°	13868.5	9965.3	6570.2	4121.5	2640.9	1844.7	1411.4	1149.7	979.5	865.3	781.1
7.5°	15635.5	11272.2	7523.2	4692.9	2908.2	1970.7	1476.7	1186.8	999.0	877.0	788.3
5°	16889.3	12270.9	8289.7	5124.6	3099.4	2058.0	1522.2	1213.0	1011.8	884.3	792.4
2.5°	17671.7	12871.9	8789.7	5381.0	3193.0	2105.7	1550.8	1227.9	1022.6	892.4	794.8
0°	17743.3	12829.5	8859.9	5505.7	3133.4	2114.0	1564.3	1230.8	1028.8	897.3	793.9
-2.5°	17671.7	12871.9	8789.7	5381.0	3193.0	2105.7	1550.8	1227.9	1022.6	892.4	794.8
-5°	16889.3	12270.9	8289.7	5124.6	3099.4	2058.0	1522.2	1213.0	1011.8	884.3	792.4
-7.5°	15635.5	11272.2	7523.2	4692.9	2908.2	1970.7	1476.7	1186.8	999.0	877.0	788.3
-10°	13868.5	9965.3	6570.2	4121.5	2640.9	1844.7	1411.4	1149.7	979.5	865.3	781.1
-12.5°	11906.2	8435.6	5433.8	3389.3	2296.2	1685.8	1329.8	1103.1	953.7	849.3	770.9
-15°	9634.4	6798.0	4488.6	2932.2	2034.2	1534.4	1240.9	1048.8	922.7	829.6	757.9
-17.5°	7577.3	5269.5	3423.1	2379.5	1779.9	1408.7	1171.2	1008.5	894.3	809.8	744.3
-20°	5536.0	3808.1	2729.7	1998.2	1546.8	1265.0	1090.1	961.8	865.3	791.8	733.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	3831.6	2863.2	2117.4	1644.1	1366.9	1165.4	1020.6	913.1	832.5	771.8	720.9
-25°	2750.9	2130.5	1697.0	1425.5	1213.8	1061.6	954.9	871.7	805.7	753.3	706.5
-27.5°	2013.0	1645.5	1431.3	1234.8	1088.8	985.7	899.6	829.6	775.7	731.8	691.9
-30°	1558.1	1377.7	1223.0	1091.6	997.0	914.5	848.2	794.5	748.0	707.9	671.4
-32.5°	1279.0	1176.7	1067.7	990.0	916.7	856.1	804.8	759.1	719.5	683.4	650.5
-35°	1101.1	1031.2	963.3	905.8	852.5	805.8	762.1	725.4	690.8	657.9	629.2
-37.5°	975.3	925.4	882.2	837.6	797.9	758.3	723.9	692.6	661.2	634.3	608.6
-40°	882.2	846.5	816.3	782.0	748.9	715.5	688.7	661.2	635.9	610.9	588.0
-42.5°	811.6	787.1	761.2	733.4	705.5	681.0	656.5	633.6	610.4	588.4	568.6
-45°	755.4	734.9	712.1	691.7	670.0	648.7	626.9	605.7	584.9	566.5	549.4
-47.5°	707.1	690.8	673.2	655.4	637.0	617.8	597.5	577.0	560.4	544.1	526.3
-50°	665.8	652.1	637.2	621.6	605.8	588.0	569.3	550.2	535.1	519.3	502.1
-52.5°	627.4	616.6	604.2	590.8	575.9	559.5	542.2	524.3	508.7	493.4	476.3
-55°	592.2	583.5	572.0	559.6	546.2	530.9	514.8	497.7	481.6	466.9	446.5
-57.5°	557.5	549.8	538.6	527.1	515.6	500.2	484.0	468.8	452.0	434.2	414.3
-60°	517.2	512.3	500.3	488.3	476.6	463.9	448.7	433.4	418.1	399.6	378.2
-62.5°	466.8	461.4	452.2	442.4	432.7	422.3	408.9	394.5	379.9	363.0	339.6
-65°	411.6	405.7	399.3	393.3	385.9	377.0	365.1	351.9	336.1	317.8	298.2
-67.5°	361.2	356.6	351.6	345.9	339.0	330.2	318.6	304.9	290.5	275.6	260.1
-70°	315.8	312.1	307.4	301.1	293.2	283.8	273.0	261.1	248.6	235.5	222.0
-72.5°	269.7	266.2	261.3	254.3	246.4	237.9	228.8	218.7	207.5	195.3	184.3
-75°	221.9	218.9	214.7	208.6	202.0	194.8	186.8	177.9	169.0	160.0	151.3
-77.5°	175.3	172.1	168.0	163.0	157.5	151.6	145.3	138.8	132.3	125.6	118.5
-80°	130.1	127.6	124.9	121.1	116.7	111.9	106.7	101.9	96.7	91.8	87.3
-82.5°	88.7	87.9	86.7	83.5	80.2	76.8	73.5	70.6	67.5	64.3	60.8
-85°	49.8	49.7	49.3	47.9	46.3	44.6	42.8	40.8	38.8	36.6	34.3
-87.5°	17.7	17.4	17.0	16.7	16.3	15.9	15.4	14.9	14.4	13.9	13.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	12.7	12.1	11.4	10.8	10.1	9.4	8.7	7.9	7.2	6.4	5.7
85°	32.0	29.5	26.9	24.3	21.6	18.8	17.3	15.9	14.4	12.8	11.3
82.5°	57.3	53.6	49.7	45.8	41.7	37.5	33.2	28.7	24.1	19.6	16.9
80°	82.5	77.6	72.5	67.2	61.9	56.1	50.4	44.4	37.8	31.5	25.5
77.5°	111.0	103.3	95.3	88.7	82.6	75.9	68.6	60.4	51.4	43.3	35.5
75°	142.3	133.0	123.4	113.9	104.9	95.7	87.3	77.7	66.5	55.1	45.4
72.5°	174.5	163.8	152.1	140.2	129.5	118.4	107.1	94.9	82.0	68.9	55.7
70°	208.6	195.3	182.3	168.8	155.0	141.1	128.0	113.3	97.3	82.6	67.7
67.5°	243.9	228.2	212.6	197.3	181.6	165.5	149.0	131.8	114.1	96.1	79.5
65°	280.2	261.5	242.5	225.4	207.9	189.8	171.4	150.5	130.5	110.7	91.1
62.5°	317.0	295.4	274.4	253.6	233.8	213.9	193.2	169.7	146.8	125.1	103.3
60°	354.1	329.3	305.6	282.5	259.7	237.5	214.2	188.4	163.4	139.2	115.7
57.5°	389.6	362.2	335.3	310.1	285.4	260.7	234.6	206.9	179.5	153.2	127.7
55°	424.2	396.2	364.5	335.8	309.6	283.4	254.5	225.1	195.1	166.7	139.4
52.5°	454.7	426.8	394.0	361.1	331.7	304.3	273.4	242.7	211.0	179.8	150.8
50°	482.3	454.0	421.1	386.4	352.9	322.5	291.4	259.0	226.3	192.6	161.8
47.5°	506.1	479.1	446.5	410.3	374.4	340.0	307.8	274.4	241.1	205.7	172.4
45°	527.6	503.1	470.8	433.7	394.4	357.9	323.1	289.0	254.2	218.4	182.6
42.5°	547.7	523.9	494.5	456.5	414.7	375.0	337.9	302.4	266.5	230.4	192.7
40°	565.9	542.1	516.6	477.9	434.0	391.0	352.3	315.0	278.0	241.4	202.6
37.5°	584.0	559.3	532.8	497.9	452.0	407.4	365.9	327.0	289.1	251.2	211.9
35°	602.5	576.0	547.0	513.6	469.2	422.5	378.3	338.3	299.5	260.5	220.5
32.5°	620.2	591.1	560.1	526.8	485.3	436.2	390.4	349.2	309.2	269.1	228.5
30°	637.7	603.4	571.8	540.3	499.3	449.7	402.3	359.4	318.3	277.1	235.7
27.5°	650.9	614.2	582.0	550.9	511.0	462.1	413.8	368.7	326.6	284.5	242.1
25°	662.9	624.5	590.8	559.4	522.6	474.9	424.4	377.3	334.3	291.2	248.0
22.5°	674.8	633.5	598.1	566.5	533.5	486.5	434.4	385.9	341.1	297.2	253.2
20°	685.1	640.8	604.2	573.1	540.8	495.4	443.7	393.5	347.2	302.6	257.9
17.5°	693.9	648.2	610.6	578.5	545.9	503.0	451.9	400.2	352.5	307.2	261.9
15°	702.9	655.8	616.0	582.7	550.2	509.3	458.9	405.8	357.0	311.2	265.6
12.5°	710.6	661.5	620.2	585.7	553.9	514.1	464.6	410.5	360.7	314.8	269.2
10°	716.6	665.2	623.2	587.6	556.8	517.6	469.2	414.8	365.0	318.2	272.0
7.5°	720.7	667.1	624.9	588.3	558.8	520.8	473.6	419.5	368.9	320.8	274.3
5°	723.6	667.9	626.0	590.1	560.0	523.7	476.7	423.2	372.1	322.6	275.9
2.5°	726.9	668.3	626.0	591.4	560.0	525.5	478.6	425.9	374.4	323.7	276.9
0°	728.1	667.1	624.8	591.9	559.0	526.1	479.2	427.5	375.8	324.1	277.2
-2.5°	726.9	668.3	626.0	591.4	560.0	525.5	478.6	425.9	374.4	323.7	276.9
-5°	723.6	667.9	626.0	590.1	560.0	523.7	476.7	423.2	372.1	322.6	275.9
-7.5°	720.7	667.1	624.9	588.3	558.8	520.8	473.6	419.5	368.9	320.8	274.3
-10°	716.6	665.2	623.2	587.6	556.8	517.6	469.2	414.8	365.0	318.2	272.0
-12.5°	710.6	661.5	620.2	585.7	553.9	514.1	464.6	410.5	360.7	314.8	269.2
-15°	702.9	655.8	616.0	582.7	550.2	509.3	458.9	405.8	357.0	311.2	265.6
-17.5°	693.9	648.2	610.6	578.5	545.9	503.0	451.9	400.2	352.5	307.2	261.9
-20°	685.1	640.8	604.2	573.1	540.8	495.4	443.7	393.5	347.2	302.6	257.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	674.8	633.5	598.1	566.5	533.5	486.5	434.4	385.9	341.1	297.2	253.2
-25°	662.9	624.5	590.8	559.4	522.6	474.9	424.4	377.3	334.3	291.2	248.0
-27.5°	650.9	614.2	582.0	550.9	511.0	462.1	413.8	368.7	326.6	284.5	242.1
-30°	637.7	603.4	571.8	540.3	499.3	449.7	402.3	359.4	318.3	277.1	235.7
-32.5°	620.2	591.1	560.1	526.8	485.3	436.2	390.4	349.2	309.2	269.1	228.5
-35°	602.5	576.0	547.0	513.6	469.2	422.5	378.3	338.3	299.5	260.5	220.5
-37.5°	584.0	559.3	532.8	497.9	452.0	407.4	365.9	327.0	289.1	251.2	211.9
-40°	565.9	542.1	516.6	477.9	434.0	391.0	352.3	315.0	278.0	241.4	202.6
-42.5°	547.7	523.9	494.5	456.5	414.7	375.0	337.9	302.4	266.5	230.4	192.7
-45°	527.6	503.1	470.8	433.7	394.4	357.9	323.1	289.0	254.2	218.4	182.6
-47.5°	506.1	479.1	446.5	410.3	374.4	340.0	307.8	274.4	241.1	205.7	172.4
-50°	482.3	454.0	421.1	386.4	352.9	322.5	291.4	259.0	226.3	192.6	161.8
-52.5°	454.7	426.8	394.0	361.1	331.7	304.3	273.4	242.7	211.0	179.8	150.8
-55°	424.2	396.2	364.5	335.8	309.6	283.4	254.5	225.1	195.1	166.7	139.4
-57.5°	389.6	362.2	335.3	310.1	285.4	260.7	234.6	206.9	179.5	153.2	127.7
-60°	354.1	329.3	305.6	282.5	259.7	237.5	214.2	188.4	163.4	139.2	115.7
-62.5°	317.0	295.4	274.4	253.6	233.8	213.9	193.2	169.7	146.8	125.1	103.3
-65°	280.2	261.5	242.5	225.4	207.9	189.8	171.4	150.5	130.5	110.7	91.1
-67.5°	243.9	228.2	212.6	197.3	181.6	165.5	149.0	131.8	114.1	96.1	79.5
-70°	208.6	195.3	182.3	168.8	155.0	141.1	128.0	113.3	97.3	82.6	67.7
-72.5°	174.5	163.8	152.1	140.2	129.5	118.4	107.1	94.9	82.0	68.9	55.7
-75°	142.3	133.0	123.4	113.9	104.9	95.7	87.3	77.7	66.5	55.1	45.4
-77.5°	111.0	103.3	95.3	88.7	82.6	75.9	68.6	60.4	51.4	43.3	35.5
-80°	82.5	77.6	72.5	67.2	61.9	56.1	50.4	44.4	37.8	31.5	25.5
-82.5°	57.3	53.6	49.7	45.8	41.7	37.5	33.2	28.7	24.1	19.6	16.9
-85°	32.0	29.5	26.9	24.3	21.6	18.8	17.3	15.9	14.4	12.8	11.3
-87.5°	12.7	12.1	11.4	10.8	10.1	9.4	8.7	7.9	7.2	6.4	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627565 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
85°	9.7	8.1	6.5	4.9	3.3	1.6	0.0
82.5°	14.6	12.2	9.8	7.3	4.9	2.5	0.0
80°	19.8	16.2	13.0	9.8	6.5	3.3	0.0
77.5°	28.2	21.2	16.2	12.2	8.1	4.1	0.0
75°	36.4	28.2	19.8	14.6	9.7	4.9	0.0
72.5°	44.6	35.0	25.3	16.9	11.3	5.7	0.0
70°	53.0	41.8	30.7	19.6	12.8	6.4	0.0
67.5°	63.3	48.4	36.0	23.6	14.4	7.2	0.0
65°	73.4	55.9	41.3	27.5	15.9	7.9	0.0
62.5°	83.2	64.1	46.4	31.4	17.3	8.7	0.0
60°	92.9	72.2	51.4	35.1	18.8	9.4	0.0
57.5°	103.1	80.1	57.7	38.8	21.2	10.1	0.0
55°	112.9	87.8	63.8	42.4	23.6	10.8	0.0
52.5°	122.5	95.3	69.8	45.9	25.9	11.4	0.0
50°	131.6	102.8	75.5	49.2	28.2	12.1	0.0
47.5°	140.4	110.1	81.1	52.7	30.3	12.7	0.0
45°	149.1	117.0	86.4	56.7	32.4	13.3	0.0
42.5°	157.5	123.5	91.6	60.5	34.4	13.9	0.0
40°	165.4	129.7	96.5	64.2	36.3	14.4	0.0
37.5°	173.0	135.5	101.2	67.5	38.1	14.9	0.0
35°	180.1	141.2	105.5	70.7	39.8	15.4	0.0
32.5°	186.8	146.8	109.6	73.6	41.4	15.9	0.0
30°	193.2	151.9	113.4	76.2	42.9	16.3	0.0
27.5°	199.0	156.7	116.8	78.6	44.2	16.7	0.0
25°	204.2	161.0	120.0	80.8	45.5	17.0	0.0
22.5°	208.9	165.0	122.9	82.8	46.7	17.4	0.0
20°	213.0	168.4	125.6	84.4	47.7	17.7	0.0
17.5°	216.8	171.3	128.0	85.9	48.6	17.9	0.0
15°	220.2	173.7	130.1	87.1	49.5	18.2	0.0
12.5°	223.1	175.7	131.9	88.0	50.1	18.4	0.0
10°	225.6	177.1	133.4	88.8	50.7	18.5	0.0
7.5°	227.6	178.2	134.6	89.2	51.1	18.6	0.0
5°	229.0	178.7	135.5	89.5	51.4	18.7	0.0
2.5°	229.9	178.8	136.0	89.5	51.6	18.8	0.0
0°	230.2	178.5	136.2	89.3	51.7	18.8	0.0
-2.5°	229.9	178.8	136.0	89.5	51.6	18.8	0.0
-5°	229.0	178.7	135.5	89.5	51.4	18.7	0.0
-7.5°	227.6	178.2	134.6	89.2	51.1	18.6	0.0
-10°	225.6	177.1	133.4	88.8	50.7	18.5	0.0
-12.5°	223.1	175.7	131.9	88.0	50.1	18.4	0.0
-15°	220.2	173.7	130.1	87.1	49.5	18.2	0.0
-17.5°	216.8	171.3	128.0	85.9	48.6	17.9	0.0
-20°	213.0	168.4	125.6	84.4	47.7	17.7	0.0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	208.9	165.0	122.9	82.8	46.7	17.4	0.0
-25°	204.2	161.0	120.0	80.8	45.5	17.0	0.0
-27.5°	199.0	156.7	116.8	78.6	44.2	16.7	0.0
-30°	193.2	151.9	113.4	76.2	42.9	16.3	0.0
-32.5°	186.8	146.8	109.6	73.6	41.4	15.9	0.0
-35°	180.1	141.2	105.5	70.7	39.8	15.4	0.0
-37.5°	173.0	135.5	101.2	67.5	38.1	14.9	0.0
-40°	165.4	129.7	96.5	64.2	36.3	14.4	0.0
-42.5°	157.5	123.5	91.6	60.5	34.4	13.9	0.0
-45°	149.1	117.0	86.4	56.7	32.4	13.3	0.0
-47.5°	140.4	110.1	81.1	52.7	30.3	12.7	0.0
-50°	131.6	102.8	75.5	49.2	28.2	12.1	0.0
-52.5°	122.5	95.3	69.8	45.9	25.9	11.4	0.0
-55°	112.9	87.8	63.8	42.4	23.6	10.8	0.0
-57.5°	103.1	80.1	57.7	38.8	21.2	10.1	0.0
-60°	92.9	72.2	51.4	35.1	18.8	9.4	0.0
-62.5°	83.2	64.1	46.4	31.4	17.3	8.7	0.0
-65°	73.4	55.9	41.3	27.5	15.9	7.9	0.0
-67.5°	63.3	48.4	36.0	23.6	14.4	7.2	0.0
-70°	53.0	41.8	30.7	19.6	12.8	6.4	0.0
-72.5°	44.6	35.0	25.3	16.9	11.3	5.7	0.0
-75°	36.4	28.2	19.8	14.6	9.7	4.9	0.0
-77.5°	28.2	21.2	16.2	12.2	8.1	4.1	0.0
-80°	19.8	16.2	13.0	9.8	6.5	3.3	0.0
-82.5°	14.6	12.2	9.8	7.3	4.9	2.5	0.0
-85°	9.7	8.1	6.5	4.9	3.3	1.6	0.0
-87.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)