

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: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-740-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5B-740-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N121
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

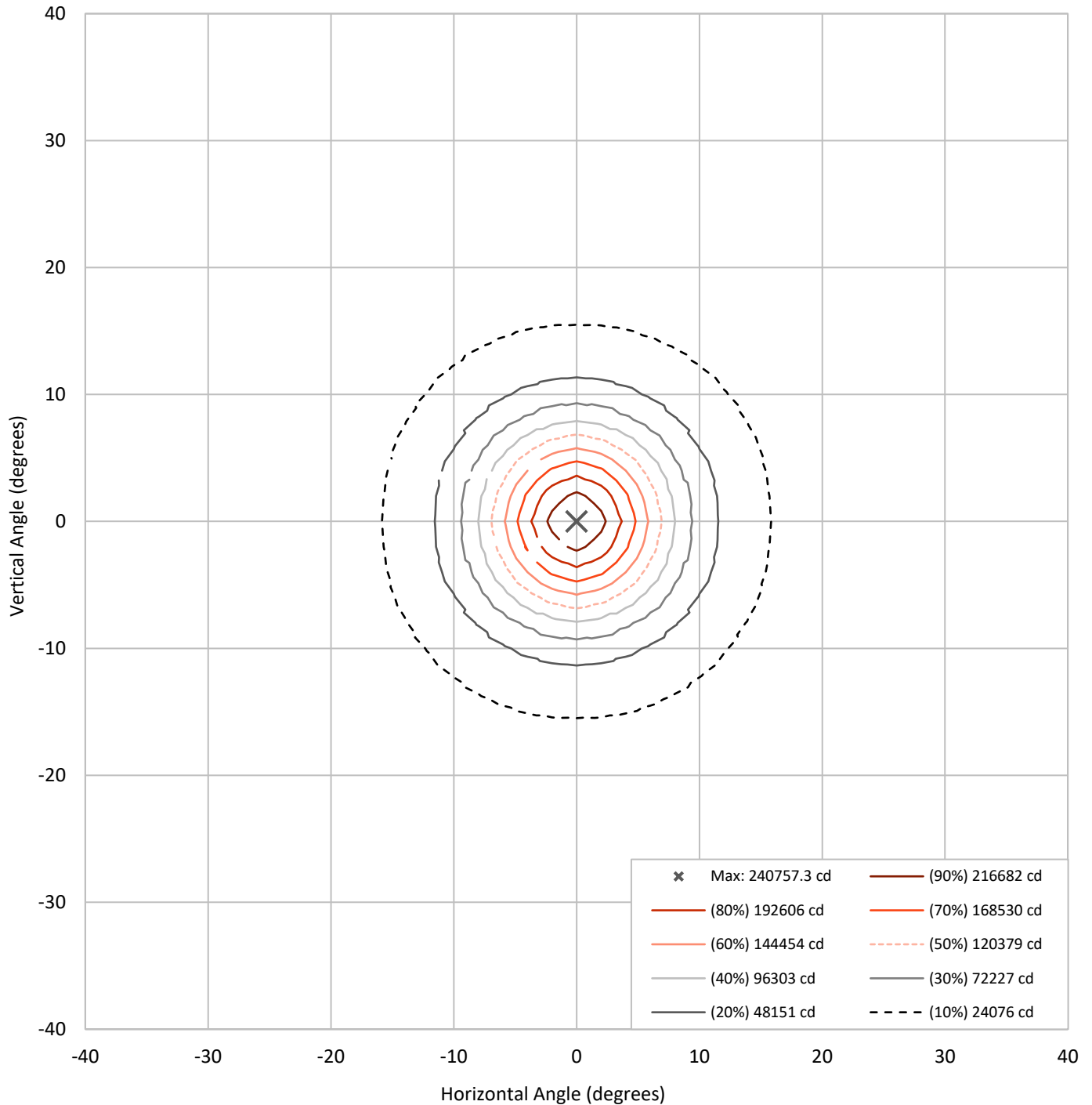
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	25564.9 lumens	Max Intensity:	240757.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	161.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	7558.4 lumens	Field Lumens:	17009.5 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
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





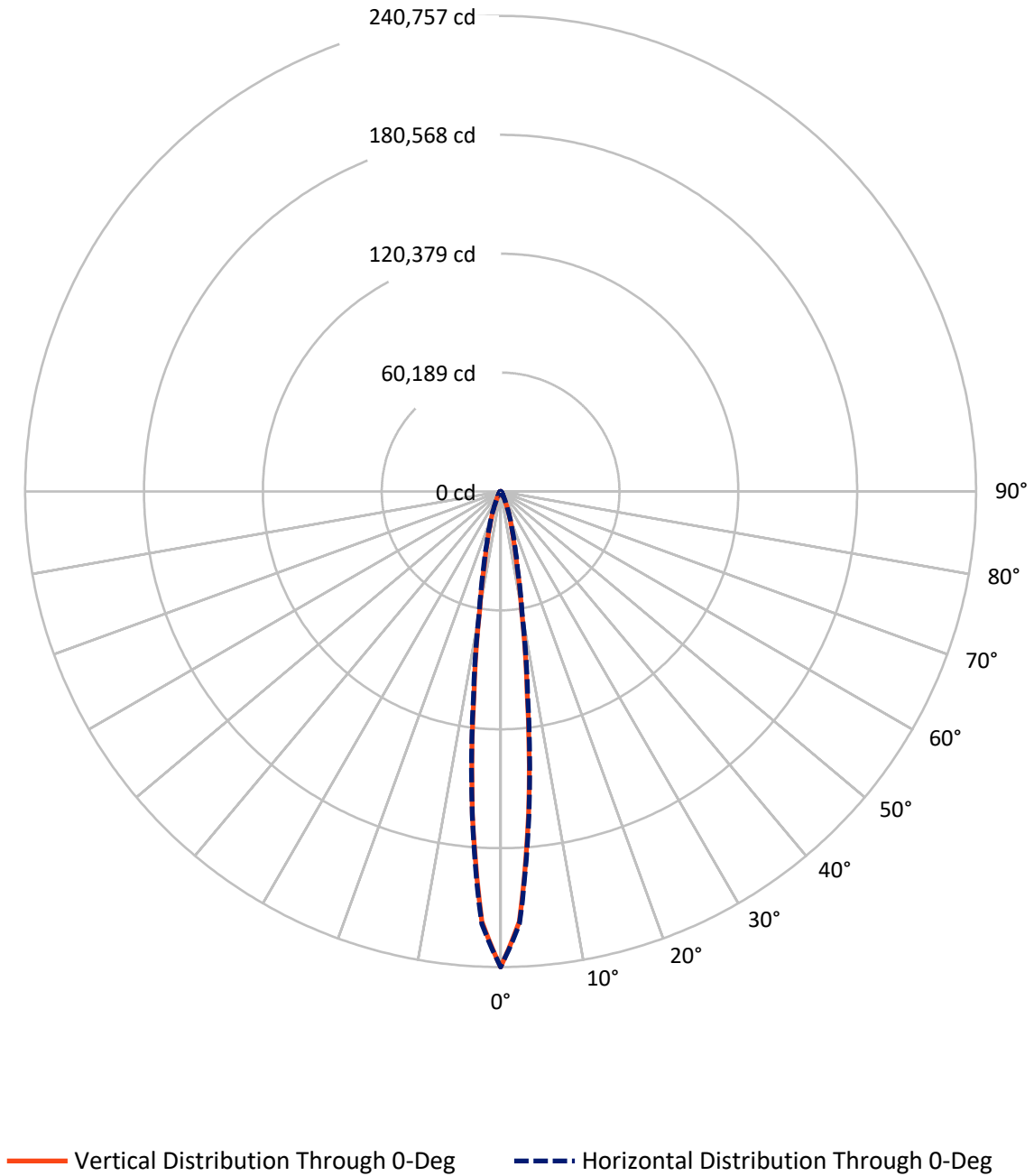
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Lumen Table

90	0.4	3.5		9.2		14.9		16.2		14.9		9.2		3.5		0.4			
80	0.4	3.5		9.2		14.9		16.2		14.9		9.2		3.5		0.4			
70	1.6	1.8	3.7	6.1	8.6	10.5	11.8	12.3	12.3	11.8	10.5	8.6	6.1	3.7	1.8	1.6			
60		2.7	5.6	9.0	12.1	14.7	16.5	17.2	17.2	16.5	14.7	12.1	9.0	5.6	2.7				
50	2.8	3.5	7.2	11.1	14.8	18.6	21.9	23.6	23.6	21.9	18.6	14.8	11.1	7.2	3.5	2.8			
40		4.3	8.5	12.8	18.2	26.1	36.8	45.6	45.6	36.8	26.1	18.2	12.8	8.5	4.3				
30	3.6	4.8	9.2	14.5	23.5	46.7	106.4	176.1	176.1	106.4	46.7	23.5	14.5	9.2	4.8	3.6			
20		5.2	9.7	15.9	31.2	99.2	352.2	758.6	758.6	352.2	99.2	31.2	15.9	9.7	5.2				
10	3.9	5.4	9.9	16.9	37.7	163.5	765.6	3307.4	3307.4	765.6	163.5	37.7	16.9	9.9	5.4	3.9			
0		5.4	9.9	16.9	37.7	163.5	765.6	3307.4	3307.4	765.6	163.5	37.7	16.9	9.9	5.4				
-10	3.6	5.2	9.7	15.9	31.2	99.2	352.2	758.6	758.6	352.2	99.2	31.2	15.9	9.7	5.2	3.6			
-20		4.8	9.2	14.5	23.5	46.7	106.4	176.1	176.1	106.4	46.7	23.5	14.5	9.2	4.8				
-30	2.8	4.3	8.5	12.8	18.2	26.1	36.8	45.6	45.6	36.8	26.1	18.2	12.8	8.5	4.3	2.8			
-40		3.5	7.2	11.1	14.8	18.6	21.9	23.6	23.6	21.9	18.6	14.8	11.1	7.2	3.5				
-50	1.6	2.7	5.6	9.0	12.1	14.7	16.5	17.2	17.2	16.5	14.7	12.1	9.0	5.6	2.7	1.6			
-60		1.8	3.7	6.1	8.6	10.5	11.8	12.3	12.3	11.8	10.5	8.6	6.1	3.7	1.8				
-70	0.4	3.5		9.2		14.9		16.2		14.9		9.2		3.5		0.4			
-80		3.5		9.2		14.9		16.2		14.9		9.2		3.5					
-90	0.4	3.5		9.2		14.9		16.2		14.9		9.2		3.5		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

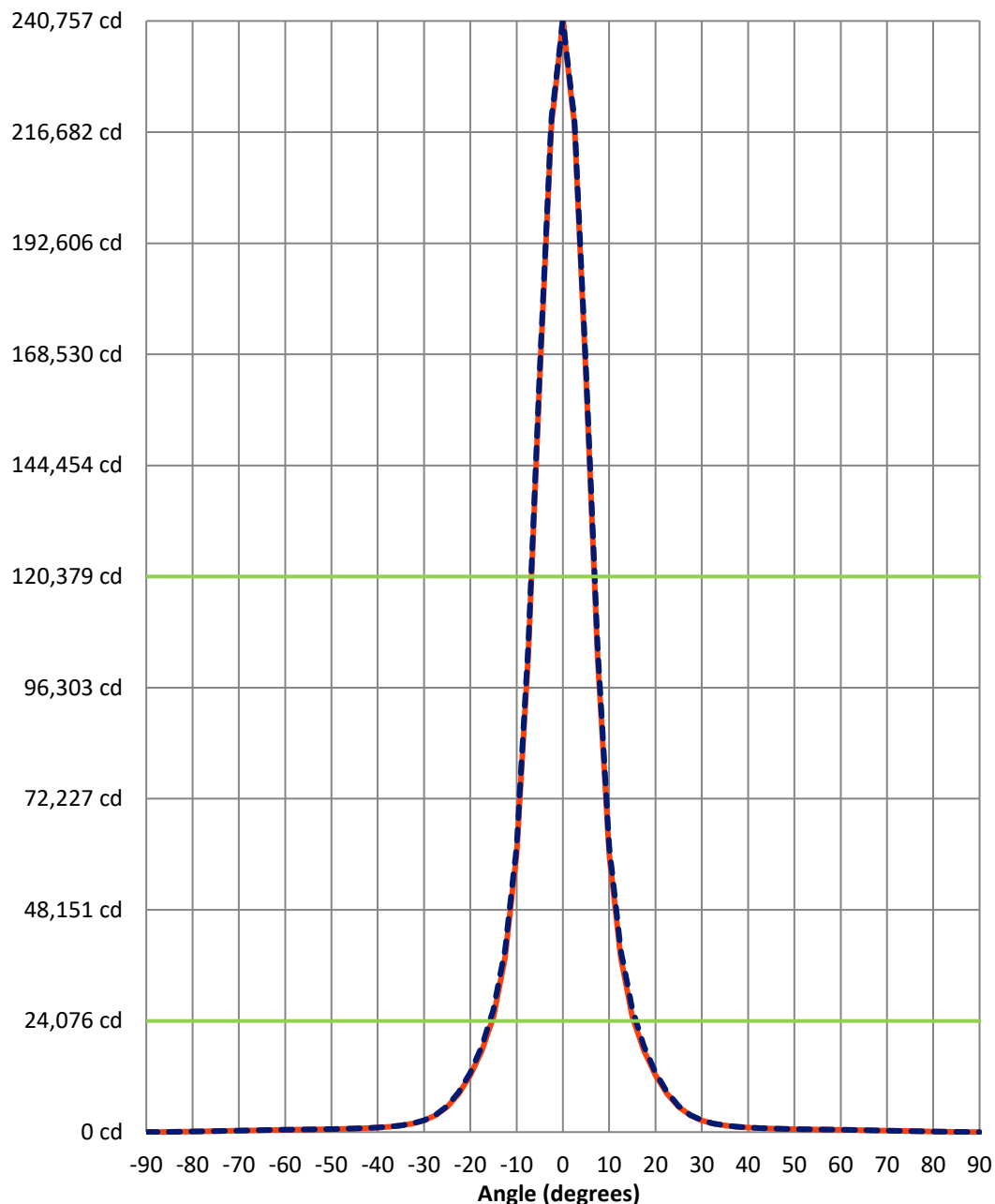
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 7558.4
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 17009.5
 Efficiency: 66.5%

Spill:
 Lumens: 8555.4
 Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.8	2.7	3.6	4.5	5.3	6.2	7.0	7.9	8.7
85°	0.0	1.6	3.6	5.4	7.1	8.9	10.7	12.4	14.1	15.7	17.4
82.5°	0.0	2.4	5.4	8.0	10.7	13.3	16.0	18.5	21.3	25.1	28.8
80°	0.0	3.1	7.1	10.7	14.2	17.7	21.5	26.7	31.8	36.8	41.8
77.5°	0.0	3.9	8.9	13.3	17.7	22.8	29.4	35.9	42.2	48.5	55.2
75°	0.0	4.6	10.6	16.0	21.5	29.0	37.1	45.0	52.7	61.5	70.1
72.5°	0.0	5.4	12.2	18.5	26.2	35.1	44.7	54.3	64.6	74.8	84.8
70°	0.0	6.1	13.9	21.2	30.8	41.1	52.3	64.6	76.4	88.0	101.1
67.5°	0.0	6.8	15.5	24.5	35.3	46.9	60.9	74.8	88.0	102.9	117.6
65°	0.0	7.5	17.0	27.7	39.7	53.3	69.4	84.8	101.1	117.6	134.8
62.5°	0.0	8.2	18.5	30.8	44.0	60.2	77.7	95.7	113.9	132.5	154.2
60°	0.0	8.9	19.9	33.8	48.1	67.0	85.8	106.7	126.5	149.1	173.0
57.5°	0.0	9.5	21.8	36.7	53.3	73.5	94.7	117.3	140.2	165.2	191.1
55°	0.0	10.1	23.6	39.5	58.4	79.9	103.5	127.6	153.8	180.8	208.7
52.5°	0.0	10.7	25.4	42.2	63.4	86.3	112.0	138.7	166.9	195.7	225.5
50°	0.0	11.2	27.1	44.8	68.1	93.1	120.2	149.5	179.4	210.0	241.6
47.5°	0.0	11.7	28.8	47.5	72.7	99.7	128.3	160.0	191.4	223.5	257.4
45°	0.0	12.2	30.4	50.8	77.1	106.1	136.9	170.0	202.9	237.4	272.8
42.5°	0.0	12.7	32.0	54.0	81.3	112.1	145.1	179.6	213.9	250.9	287.9
40°	0.0	13.1	33.5	57.1	85.6	117.9	152.9	188.7	224.7	264.0	302.5
37.5°	0.0	13.5	34.9	60.0	90.0	123.3	160.3	197.4	235.5	276.1	316.6
35°	0.0	13.9	36.3	62.8	94.1	128.9	167.3	205.6	245.5	287.6	330.2
32.5°	0.0	14.2	37.6	65.5	97.9	134.3	173.9	213.3	254.8	298.3	342.1
30°	0.0	14.5	38.8	67.9	101.5	139.4	180.0	220.5	263.2	308.3	352.8
27.5°	0.0	14.8	39.9	70.2	105.0	144.1	185.6	227.4	271.1	317.5	362.5
25°	0.0	15.0	41.0	72.3	108.2	148.3	190.7	233.5	278.5	325.5	371.0
22.5°	0.0	15.2	42.0	74.2	111.1	152.2	195.4	239.0	285.1	332.5	378.5
20°	0.0	15.4	42.9	75.9	113.7	155.5	199.6	243.8	291.0	338.5	385.2
17.5°	0.0	15.5	43.7	77.5	116.1	158.4	203.0	247.9	296.1	343.6	391.1
15°	0.0	15.6	44.4	78.8	118.1	160.7	205.8	251.6	300.5	347.7	396.3
12.5°	0.0	15.7	45.0	79.9	119.8	162.6	208.1	255.0	304.1	350.9	400.5
10°	0.0	15.7	45.5	80.8	121.3	164.0	209.9	257.8	306.9	354.3	404.7
7.5°	0.0	15.7	45.9	81.6	122.4	164.9	211.1	260.1	308.8	357.2	409.4
5°	0.0	15.7	46.2	82.1	123.2	165.4	211.8	261.7	309.9	359.3	413.2
2.5°	0.0	15.6	46.3	82.4	123.6	165.5	211.9	262.8	310.1	360.6	416.0
0°	0.0	15.5	46.4	82.5	123.8	165.1	211.5	263.1	309.5	361.1	417.8
-2.5°	0.0	15.6	46.3	82.4	123.6	165.5	211.9	262.8	310.1	360.6	416.0
-5°	0.0	15.7	46.2	82.1	123.2	165.4	211.8	261.7	309.9	359.3	413.2
-7.5°	0.0	15.7	45.9	81.6	122.4	164.9	211.1	260.1	308.8	357.2	409.4
-10°	0.0	15.7	45.5	80.8	121.3	164.0	209.9	257.8	306.9	354.3	404.7
-12.5°	0.0	15.7	45.0	79.9	119.8	162.6	208.1	255.0	304.1	350.9	400.5
-15°	0.0	15.6	44.4	78.8	118.1	160.7	205.8	251.6	300.5	347.7	396.3
-17.5°	0.0	15.5	43.7	77.5	116.1	158.4	203.0	247.9	296.1	343.6	391.1
-20°	0.0	15.4	42.9	75.9	113.7	155.5	199.6	243.8	291.0	338.5	385.2

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REPORT NUMBER: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.2	42.0	74.2	111.1	152.2	195.4	239.0	285.1	332.5	378.5
-25°	0.0	15.0	41.0	72.3	108.2	148.3	190.7	233.5	278.5	325.5	371.0
-27.5°	0.0	14.8	39.9	70.2	105.0	144.1	185.6	227.4	271.1	317.5	362.5
-30°	0.0	14.5	38.8	67.9	101.5	139.4	180.0	220.5	263.2	308.3	352.8
-32.5°	0.0	14.2	37.6	65.5	97.9	134.3	173.9	213.3	254.8	298.3	342.1
-35°	0.0	13.9	36.3	62.8	94.1	128.9	167.3	205.6	245.5	287.6	330.2
-37.5°	0.0	13.5	34.9	60.0	90.0	123.3	160.3	197.4	235.5	276.1	316.6
-40°	0.0	13.1	33.5	57.1	85.6	117.9	152.9	188.7	224.7	264.0	302.5
-42.5°	0.0	12.7	32.0	54.0	81.3	112.1	145.1	179.6	213.9	250.9	287.9
-45°	0.0	12.2	30.4	50.8	77.1	106.1	136.9	170.0	202.9	237.4	272.8
-47.5°	0.0	11.7	28.8	47.5	72.7	99.7	128.3	160.0	191.4	223.5	257.4
-50°	0.0	11.2	27.1	44.8	68.1	93.1	120.2	149.5	179.4	210.0	241.6
-52.5°	0.0	10.7	25.4	42.2	63.4	86.3	112.0	138.7	166.9	195.7	225.5
-55°	0.0	10.1	23.6	39.5	58.4	79.9	103.5	127.6	153.8	180.8	208.7
-57.5°	0.0	9.5	21.8	36.7	53.3	73.5	94.7	117.3	140.2	165.2	191.1
-60°	0.0	8.9	19.9	33.8	48.1	67.0	85.8	106.7	126.5	149.1	173.0
-62.5°	0.0	8.2	18.5	30.8	44.0	60.2	77.7	95.7	113.9	132.5	154.2
-65°	0.0	7.5	17.0	27.7	39.7	53.3	69.4	84.8	101.1	117.6	134.8
-67.5°	0.0	6.8	15.5	24.5	35.3	46.9	60.9	74.8	88.0	102.9	117.6
-70°	0.0	6.1	13.9	21.2	30.8	41.1	52.3	64.6	76.4	88.0	101.1
-72.5°	0.0	5.4	12.2	18.5	26.2	35.1	44.7	54.3	64.6	74.8	84.8
-75°	0.0	4.6	10.6	16.0	21.5	29.0	37.1	45.0	52.7	61.5	70.1
-77.5°	0.0	3.9	8.9	13.3	17.7	22.8	29.4	35.9	42.2	48.5	55.2
-80°	0.0	3.1	7.1	10.7	14.2	17.7	21.5	26.7	31.8	36.8	41.8
-82.5°	0.0	2.4	5.4	8.0	10.7	13.3	16.0	18.5	21.3	25.1	28.8
-85°	0.0	1.6	3.6	5.4	7.1	8.9	10.7	12.4	14.1	15.7	17.4
-87.5°	0.0	0.8	1.8	2.7	3.6	4.5	5.3	6.2	7.0	7.9	8.7
-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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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°	9.5	10.3	11.1	11.8	12.5	13.2	13.9	14.6	15.2	15.8	16.3
85°	19.0	20.6	22.9	25.1	27.0	28.7	30.1	31.3	33.4	35.7	38.0
82.5°	32.4	36.0	39.5	42.8	45.1	47.0	48.8	51.4	56.0	60.3	64.3
80°	46.6	51.4	56.7	61.9	66.4	70.9	75.6	80.4	85.4	90.1	94.6
77.5°	62.2	69.1	75.8	82.4	88.9	95.9	102.7	109.2	115.5	121.5	127.1
75°	78.5	86.8	95.9	104.8	113.6	122.0	130.3	139.1	147.6	155.6	163.3
72.5°	95.7	106.7	117.4	127.9	139.2	150.2	161.0	171.3	181.3	191.8	202.9
70°	113.9	126.5	140.4	153.8	166.4	179.7	192.9	204.3	215.1	229.6	244.4
67.5°	132.6	149.6	165.3	180.5	197.3	212.9	226.3	240.8	256.3	273.0	287.6
65°	154.7	173.1	191.5	210.6	230.0	246.2	263.1	281.1	298.6	315.2	331.1
62.5°	176.5	197.3	218.4	239.3	259.2	278.7	299.1	319.0	338.2	357.6	374.7
60°	197.5	221.1	243.4	265.2	287.9	312.0	334.6	356.7	379.7	401.7	413.2
57.5°	217.8	243.1	266.3	290.8	317.4	344.6	368.3	393.4	413.2	428.4	443.3
55°	236.9	263.1	288.7	316.1	345.0	373.4	399.8	422.1	440.4	454.4	470.1
52.5°	254.8	282.4	310.2	340.3	370.9	401.1	428.8	449.7	466.1	480.4	495.2
50°	272.3	301.4	330.8	363.7	396.5	428.7	455.8	474.9	490.4	505.1	520.3
47.5°	289.6	320.1	351.8	386.8	422.4	453.4	479.1	496.6	512.2	529.4	546.1
45°	306.5	339.5	373.1	410.6	446.4	476.4	498.2	515.7	535.0	553.6	571.4
42.5°	323.1	358.7	395.0	434.0	468.6	495.5	515.8	536.5	557.4	577.2	597.3
40°	339.8	377.0	415.5	454.3	489.1	512.4	533.9	556.2	579.1	600.7	623.1
37.5°	355.7	394.3	434.0	473.2	504.8	528.4	550.7	575.4	599.5	623.1	652.2
35°	370.9	410.0	450.0	488.0	518.4	542.8	567.8	593.7	619.2	649.6	682.7
32.5°	384.5	424.2	464.7	500.1	529.8	556.2	584.2	611.3	641.8	676.2	715.9
30°	395.9	436.5	477.2	511.7	540.8	568.7	599.1	629.0	664.7	706.0	753.2
27.5°	406.0	447.6	487.2	521.8	551.3	579.0	611.1	648.8	689.7	736.1	791.6
25°	415.3	458.8	496.6	530.9	559.7	588.7	623.0	664.7	713.9	769.7	837.7
22.5°	424.2	469.6	506.2	539.6	566.3	597.6	636.2	681.6	735.0	800.5	883.2
20°	432.7	477.6	513.8	546.4	571.2	605.3	647.8	696.3	757.0	835.1	930.8
17.5°	440.5	484.5	519.8	550.4	577.6	613.6	658.1	708.3	776.2	866.6	974.6
15°	447.6	490.3	524.6	553.7	583.4	622.2	668.8	723.2	797.4	896.6	1013.3
12.5°	453.8	495.0	528.3	556.3	588.0	629.3	678.3	738.7	820.1	926.1	1062.5
10°	459.2	498.6	530.8	558.0	591.5	634.7	686.3	751.3	838.3	948.9	1100.2
7.5°	463.7	501.4	532.6	559.0	593.7	638.5	692.5	760.9	851.0	965.1	1127.5
5°	466.9	503.7	534.8	562.2	597.2	641.5	697.0	767.4	858.4	974.8	1144.5
2.5°	468.8	505.0	536.1	565.2	600.9	644.0	700.4	774.7	864.4	984.2	1157.4
0°	469.4	505.5	536.5	567.4	603.5	644.8	701.5	778.9	866.6	990.4	1165.8
-2.5°	468.8	505.0	536.1	565.2	600.9	644.0	700.4	774.7	864.4	984.2	1157.4
-5°	466.9	503.7	534.8	562.2	597.2	641.5	697.0	767.4	858.4	974.8	1144.5
-7.5°	463.7	501.4	532.6	559.0	593.7	638.5	692.5	760.9	851.0	965.1	1127.5
-10°	459.2	498.6	530.8	558.0	591.5	634.7	686.3	751.3	838.3	948.9	1100.2
-12.5°	453.8	495.0	528.3	556.3	588.0	629.3	678.3	738.7	820.1	926.1	1062.5
-15°	447.6	490.3	524.6	553.7	583.4	622.2	668.8	723.2	797.4	896.6	1013.3
-17.5°	440.5	484.5	519.8	550.4	577.6	613.6	658.1	708.3	776.2	866.6	974.6
-20°	432.7	477.6	513.8	546.4	571.2	605.3	647.8	696.3	757.0	835.1	930.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	424.2	469.6	506.2	539.6	566.3	597.6	636.2	681.6	735.0	800.5	883.2
-25°	415.3	458.8	496.6	530.9	559.7	588.7	623.0	664.7	713.9	769.7	837.7
-27.5°	406.0	447.6	487.2	521.8	551.3	579.0	611.1	648.8	689.7	736.1	791.6
-30°	395.9	436.5	477.2	511.7	540.8	568.7	599.1	629.0	664.7	706.0	753.2
-32.5°	384.5	424.2	464.7	500.1	529.8	556.2	584.2	611.3	641.8	676.2	715.9
-35°	370.9	410.0	450.0	488.0	518.4	542.8	567.8	593.7	619.2	649.6	682.7
-37.5°	355.7	394.3	434.0	473.2	504.8	528.4	550.7	575.4	599.5	623.1	652.2
-40°	339.8	377.0	415.5	454.3	489.1	512.4	533.9	556.2	579.1	600.7	623.1
-42.5°	323.1	358.7	395.0	434.0	468.6	495.5	515.8	536.5	557.4	577.2	597.3
-45°	306.5	339.5	373.1	410.6	446.4	476.4	498.2	515.7	535.0	553.6	571.4
-47.5°	289.6	320.1	351.8	386.8	422.4	453.4	479.1	496.6	512.2	529.4	546.1
-50°	272.3	301.4	330.8	363.7	396.5	428.7	455.8	474.9	490.4	505.1	520.3
-52.5°	254.8	282.4	310.2	340.3	370.9	401.1	428.8	449.7	466.1	480.4	495.2
-55°	236.9	263.1	288.7	316.1	345.0	373.4	399.8	422.1	440.4	454.4	470.1
-57.5°	217.8	243.1	266.3	290.8	317.4	344.6	368.3	393.4	413.2	428.4	443.3
-60°	197.5	221.1	243.4	265.2	287.9	312.0	334.6	356.7	379.7	401.7	413.2
-62.5°	176.5	197.3	218.4	239.3	259.2	278.7	299.1	319.0	338.2	357.6	374.7
-65°	154.7	173.1	191.5	210.6	230.0	246.2	263.1	281.1	298.6	315.2	331.1
-67.5°	132.6	149.6	165.3	180.5	197.3	212.9	226.3	240.8	256.3	273.0	287.6
-70°	113.9	126.5	140.4	153.8	166.4	179.7	192.9	204.3	215.1	229.6	244.4
-72.5°	95.7	106.7	117.4	127.9	139.2	150.2	161.0	171.3	181.3	191.8	202.9
-75°	78.5	86.8	95.9	104.8	113.6	122.0	130.3	139.1	147.6	155.6	163.3
-77.5°	62.2	69.1	75.8	82.4	88.9	95.9	102.7	109.2	115.5	121.5	127.1
-80°	46.6	51.4	56.7	61.9	66.4	70.9	75.6	80.4	85.4	90.1	94.6
-82.5°	32.4	36.0	39.5	42.8	45.1	47.0	48.8	51.4	56.0	60.3	64.3
-85°	19.0	20.6	22.9	25.1	27.0	28.7	30.1	31.3	33.4	35.7	38.0
-87.5°	9.5	10.3	11.1	11.8	12.5	13.2	13.9	14.6	15.2	15.8	16.3
-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: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.9	17.4	17.8	18.3	18.7	19.0	19.4	19.6	19.9	18.9	17.8
85°	40.3	41.9	43.3	44.6	45.8	46.9	47.9	48.7	49.5	48.9	48.1
82.5°	68.0	70.7	73.1	75.4	77.5	79.4	81.1	82.7	84.0	83.9	83.5
80°	98.9	103.3	107.8	112.2	116.4	119.1	121.0	122.4	123.4	123.8	123.9
77.5°	132.9	139.8	146.9	153.9	160.8	164.7	167.6	169.9	171.8	172.2	171.8
75°	170.6	179.4	189.1	197.7	205.0	209.5	212.7	215.4	217.5	218.1	217.8
72.5°	214.4	225.3	234.0	241.2	247.4	252.3	256.2	259.6	262.3	263.5	263.6
70°	257.5	268.2	276.5	283.8	289.9	295.0	299.7	303.8	307.1	309.6	311.4
67.5°	301.1	313.4	321.9	328.6	333.8	339.1	345.4	350.8	355.4	358.4	360.0
65°	345.9	358.6	366.9	374.1	380.5	387.2	394.2	399.3	402.7	404.8	406.2
62.5°	389.3	401.2	411.5	421.1	430.3	438.0	442.8	447.1	450.8	453.9	456.2
60°	426.6	441.8	453.3	462.5	471.5	480.2	486.1	490.8	494.4	497.1	498.8
57.5°	458.5	473.9	487.5	496.4	506.2	516.6	523.4	527.3	531.0	534.1	535.5
55°	486.3	500.5	513.0	525.2	536.2	545.5	552.8	558.1	562.5	566.1	567.3
52.5°	511.3	526.8	541.5	554.5	565.2	574.2	581.4	587.9	593.0	596.4	597.9
50°	537.6	554.2	570.0	584.2	595.3	605.3	614.3	622.0	629.5	635.3	639.5
47.5°	563.5	581.2	598.7	614.3	627.5	642.1	655.1	666.1	676.9	685.6	691.7
45°	589.6	610.0	629.0	649.2	667.1	686.1	703.8	719.1	734.7	746.5	754.5
42.5°	618.5	641.8	664.7	689.7	714.1	739.0	765.8	789.6	808.1	825.4	839.5
40°	649.6	676.2	706.0	736.7	772.8	805.5	841.5	872.5	900.4	930.0	953.5
37.5°	682.7	715.9	755.1	796.2	842.9	887.7	934.7	980.9	1021.2	1068.8	1105.1
35°	719.3	763.7	811.9	867.5	925.6	989.8	1054.1	1128.4	1192.3	1262.7	1324.0
32.5°	762.5	815.6	878.9	952.2	1026.9	1124.3	1215.2	1333.5	1435.8	1547.4	1659.9
30°	807.1	876.4	958.1	1050.5	1169.1	1303.1	1452.4	1628.3	1809.7	1985.3	2197.1
27.5°	862.3	945.9	1044.9	1179.8	1354.5	1535.5	1792.2	2056.3	2389.8	2665.7	3054.6
25°	919.7	1018.1	1158.7	1342.3	1570.2	1884.4	2273.8	2696.0	3282.7	3798.2	4402.8
22.5°	982.1	1115.0	1290.0	1516.5	1862.2	2344.3	2934.1	3728.8	4594.2	5513.1	6427.1
20°	1047.2	1208.0	1437.3	1765.6	2239.9	2892.9	3905.4	5132.3	6368.6	7884.7	9227.2
17.5°	1122.5	1327.1	1609.7	2020.3	2653.3	3653.6	5058.1	6770.9	8689.1	10869.0	12804.4
15°	1185.3	1429.3	1785.9	2360.3	3230.9	4515.5	6286.8	8643.1	11525.5	14453.1	17423.3
12.5°	1258.2	1540.4	1959.2	2644.2	3737.6	5444.8	7855.8	10838.2	14438.0	18498.7	23285.8
10°	1322.8	1649.5	2170.2	3018.0	4354.2	6414.0	9340.0	12928.1	17573.7	23416.1	30829.2
7.5°	1370.8	1736.3	2333.0	3302.5	4887.3	7345.8	10742.4	15216.6	21119.6	28834.5	39008.4
5°	1401.9	1799.1	2448.2	3522.1	5304.6	8039.3	11770.1	16839.8	23961.3	34872.8	52101.0
2.5°	1420.5	1836.3	2514.0	3650.8	5558.4	8498.8	12552.0	18067.2	25803.0	38604.4	60521.9
0°	1428.8	1846.7	2553.3	3719.1	5643.2	8676.2	12911.2	18626.5	26627.0	39476.3	62002.5
-2.5°	1420.5	1836.3	2514.0	3650.8	5558.4	8498.8	12552.0	18067.2	25803.0	38604.4	60521.9
-5°	1401.9	1799.1	2448.2	3522.1	5304.6	8039.3	11770.1	16839.8	23961.3	34872.8	52101.0
-7.5°	1370.8	1736.3	2333.0	3302.5	4887.3	7345.8	10742.4	15216.6	21119.6	28834.5	39008.4
-10°	1322.8	1649.5	2170.2	3018.0	4354.2	6414.0	9340.0	12928.1	17573.7	23416.1	30829.2
-12.5°	1258.2	1540.4	1959.2	2644.2	3737.6	5444.8	7855.8	10838.2	14438.0	18498.7	23285.8
-15°	1185.3	1429.3	1785.9	2360.3	3230.9	4515.5	6286.8	8643.1	11525.5	14453.1	17423.3
-17.5°	1122.5	1327.1	1609.7	2020.3	2653.3	3653.6	5058.1	6770.9	8689.1	10869.0	12804.4
-20°	1047.2	1208.0	1437.3	1765.6	2239.9	2892.9	3905.4	5132.3	6368.6	7884.7	9227.2



REPORT NUMBER: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	982.1	1115.0	1290.0	1516.5	1862.2	2344.3	2934.1	3728.8	4594.2	5513.1	6427.1
-25°	919.7	1018.1	1158.7	1342.3	1570.2	1884.4	2273.8	2696.0	3282.7	3798.2	4402.8
-27.5°	862.3	945.9	1044.9	1179.8	1354.5	1535.5	1792.2	2056.3	2389.8	2665.7	3054.6
-30°	807.1	876.4	958.1	1050.5	1169.1	1303.1	1452.4	1628.3	1809.7	1985.3	2197.1
-32.5°	762.5	815.6	878.9	952.2	1026.9	1124.3	1215.2	1333.5	1435.8	1547.4	1659.9
-35°	719.3	763.7	811.9	867.5	925.6	989.8	1054.1	1128.4	1192.3	1262.7	1324.0
-37.5°	682.7	715.9	755.1	796.2	842.9	887.7	934.7	980.9	1021.2	1068.8	1105.1
-40°	649.6	676.2	706.0	736.7	772.8	805.5	841.5	872.5	900.4	930.0	953.5
-42.5°	618.5	641.8	664.7	689.7	714.1	739.0	765.8	789.6	808.1	825.4	839.5
-45°	589.6	610.0	629.0	649.2	667.1	686.1	703.8	719.1	734.7	746.5	754.5
-47.5°	563.5	581.2	598.7	614.3	627.5	642.1	655.1	666.1	676.9	685.6	691.7
-50°	537.6	554.2	570.0	584.2	595.3	605.3	614.3	622.0	629.5	635.3	639.5
-52.5°	511.3	526.8	541.5	554.5	565.2	574.2	581.4	587.9	593.0	596.4	597.9
-55°	486.3	500.5	513.0	525.2	536.2	545.5	552.8	558.1	562.5	566.1	567.3
-57.5°	458.5	473.9	487.5	496.4	506.2	516.6	523.4	527.3	531.0	534.1	535.5
-60°	426.6	441.8	453.3	462.5	471.5	480.2	486.1	490.8	494.4	497.1	498.8
-62.5°	389.3	401.2	411.5	421.1	430.3	438.0	442.8	447.1	450.8	453.9	456.2
-65°	345.9	358.6	366.9	374.1	380.5	387.2	394.2	399.3	402.7	404.8	406.2
-67.5°	301.1	313.4	321.9	328.6	333.8	339.1	345.4	350.8	355.4	358.4	360.0
-70°	257.5	268.2	276.5	283.8	289.9	295.0	299.7	303.8	307.1	309.6	311.4
-72.5°	214.4	225.3	234.0	241.2	247.4	252.3	256.2	259.6	262.3	263.5	263.6
-75°	170.6	179.4	189.1	197.7	205.0	209.5	212.7	215.4	217.5	218.1	217.8
-77.5°	132.9	139.8	146.9	153.9	160.8	164.7	167.6	169.9	171.8	172.2	171.8
-80°	98.9	103.3	107.8	112.2	116.4	119.1	121.0	122.4	123.4	123.8	123.9
-82.5°	68.0	70.7	73.1	75.4	77.5	79.4	81.1	82.7	84.0	83.9	83.5
-85°	40.3	41.9	43.3	44.6	45.8	46.9	47.9	48.7	49.5	48.9	48.1
-87.5°	16.9	17.4	17.8	18.3	18.7	19.0	19.4	19.6	19.9	18.9	17.8
-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: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.6	15.4	15.5	15.5	15.5	15.4	16.6	17.8	18.9	19.9	19.6
85°	47.2	46.2	46.3	46.4	46.3	46.2	47.2	48.1	48.9	49.5	48.7
82.5°	82.9	82.1	82.4	82.5	82.4	82.1	82.9	83.5	83.9	84.0	82.7
80°	123.7	123.2	121.1	118.6	121.1	123.2	123.7	123.9	123.8	123.4	122.4
77.5°	170.9	169.4	167.5	165.1	167.5	169.4	170.9	171.8	172.2	171.8	169.9
75°	217.0	215.7	216.3	216.6	216.3	215.7	217.0	217.8	218.1	217.5	215.4
72.5°	263.2	262.1	262.8	263.1	262.8	262.1	263.2	263.6	263.5	262.3	259.6
70°	312.6	313.2	311.9	309.5	311.9	313.2	312.6	311.4	309.6	307.1	303.8
67.5°	360.4	359.8	358.3	355.9	358.3	359.8	360.4	360.0	358.4	355.4	350.8
65°	406.6	406.1	407.0	407.5	407.0	406.1	406.6	406.2	404.8	402.7	399.3
62.5°	457.4	457.4	456.3	453.9	456.3	457.4	457.4	456.2	453.9	450.8	447.1
60°	499.5	499.1	497.7	495.2	497.7	499.1	499.5	498.8	497.1	494.4	490.8
57.5°	536.0	535.4	533.9	531.3	533.9	535.4	536.0	535.5	534.1	531.0	527.3
55°	567.4	566.6	564.9	562.3	564.9	566.6	567.4	567.3	566.1	562.5	558.1
52.5°	598.3	597.7	597.8	598.4	597.8	597.7	598.3	597.9	596.4	593.0	587.9
50°	642.1	643.0	642.2	639.6	642.2	643.0	642.1	639.5	635.3	629.5	622.0
47.5°	694.6	694.9	693.7	691.2	693.7	694.9	694.6	691.7	685.6	676.9	666.1
45°	760.8	764.5	765.5	763.4	765.5	764.5	760.8	754.5	746.5	734.7	719.1
42.5°	850.3	856.2	857.9	856.3	857.9	856.2	850.3	839.5	825.4	808.1	789.6
40°	967.9	974.6	975.9	974.9	975.9	974.6	967.9	953.5	930.0	900.4	872.5
37.5°	1130.6	1146.9	1154.6	1155.5	1154.6	1146.9	1130.6	1105.1	1068.8	1021.2	980.9
35°	1370.7	1403.1	1420.4	1428.8	1420.4	1403.1	1370.7	1324.0	1262.7	1192.3	1128.4
32.5°	1745.1	1809.9	1845.9	1841.5	1845.9	1809.9	1745.1	1659.9	1547.4	1435.8	1333.5
30°	2356.7	2470.1	2527.1	2512.1	2527.1	2470.1	2356.7	2197.1	1985.3	1809.7	1628.3
27.5°	3333.9	3538.9	3657.4	3641.7	3657.4	3538.9	3333.9	3054.6	2665.7	2389.8	2056.3
25°	4908.3	5282.4	5521.9	5462.6	5521.9	5282.4	4908.3	4402.8	3798.2	3282.7	2696.0
22.5°	7303.3	7937.1	8356.5	8304.8	8356.5	7937.1	7303.3	6427.1	5513.1	4594.2	3728.8
20°	10588.5	11553.3	12242.2	12333.4	12242.2	11553.3	10588.5	9227.2	7884.7	6368.6	5132.3
17.5°	14895.0	16424.6	17489.4	17667.1	17489.4	16424.6	14895.0	12804.4	10869.0	8689.1	6770.9
15°	20491.7	22991.8	24801.2	24950.6	24801.2	22991.8	20491.7	17423.3	14453.1	11525.5	8643.1
12.5°	28091.3	33119.7	36401.5	37846.3	36401.5	33119.7	28091.3	23285.8	18498.7	14438.0	10838.2
10°	38608.6	50158.7	57555.6	60336.3	57555.6	50158.7	38608.6	30829.2	23416.1	17573.7	12928.1
7.5°	56175.9	74309.8	94470.0	103062.4	94470.0	74309.8	56175.9	39008.4	28834.5	21119.6	15216.6
5°	76069.4	113704.5	149502.3	163481.2	149502.3	113704.5	76069.4	52101.0	34872.8	23961.3	16839.8
2.5°	97002.4	149460.3	198617.5	217841.7	198617.5	149460.3	97002.4	60521.9	38604.4	25803.0	18067.2
0°	105177.2	165116.4	219200.9	240757.3	219200.9	165116.4	105177.2	62002.5	39476.3	26627.0	18626.5
-2.5°	97002.4	149460.3	198617.5	217841.7	198617.5	149460.3	97002.4	60521.9	38604.4	25803.0	18067.2
-5°	76069.4	113704.5	149502.3	163481.2	149502.3	113704.5	76069.4	52101.0	34872.8	23961.3	16839.8
-7.5°	56175.9	74309.8	94470.0	103062.4	94470.0	74309.8	56175.9	39008.4	28834.5	21119.6	15216.6
-10°	38608.6	50158.7	57555.6	60336.3	57555.6	50158.7	38608.6	30829.2	23416.1	17573.7	12928.1
-12.5°	28091.3	33119.7	36401.5	37846.3	36401.5	33119.7	28091.3	23285.8	18498.7	14438.0	10838.2
-15°	20491.7	22991.8	24801.2	24950.6	24801.2	22991.8	20491.7	17423.3	14453.1	11525.5	8643.1
-17.5°	14895.0	16424.6	17489.4	17667.1	17489.4	16424.6	14895.0	12804.4	10869.0	8689.1	6770.9
-20°	10588.5	11553.3	12242.2	12333.4	12242.2	11553.3	10588.5	9227.2	7884.7	6368.6	5132.3



REPORT NUMBER: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7303.3	7937.1	8356.5	8304.8	8356.5	7937.1	7303.3	6427.1	5513.1	4594.2	3728.8
-25°	4908.3	5282.4	5521.9	5462.6	5521.9	5282.4	4908.3	4402.8	3798.2	3282.7	2696.0
-27.5°	3333.9	3538.9	3657.4	3641.7	3657.4	3538.9	3333.9	3054.6	2665.7	2389.8	2056.3
-30°	2356.7	2470.1	2527.1	2512.1	2527.1	2470.1	2356.7	2197.1	1985.3	1809.7	1628.3
-32.5°	1745.1	1809.9	1845.9	1841.5	1845.9	1809.9	1745.1	1659.9	1547.4	1435.8	1333.5
-35°	1370.7	1403.1	1420.4	1428.8	1420.4	1403.1	1370.7	1324.0	1262.7	1192.3	1128.4
-37.5°	1130.6	1146.9	1154.6	1155.5	1154.6	1146.9	1130.6	1105.1	1068.8	1021.2	980.9
-40°	967.9	974.6	975.9	974.9	975.9	974.6	967.9	953.5	930.0	900.4	872.5
-42.5°	850.3	856.2	857.9	856.3	857.9	856.2	850.3	839.5	825.4	808.1	789.6
-45°	760.8	764.5	765.5	763.4	765.5	764.5	760.8	754.5	746.5	734.7	719.1
-47.5°	694.6	694.9	693.7	691.2	693.7	694.9	694.6	691.7	685.6	676.9	666.1
-50°	642.1	643.0	642.2	639.6	642.2	643.0	642.1	639.5	635.3	629.5	622.0
-52.5°	598.3	597.7	597.8	598.4	597.8	597.7	598.3	597.9	596.4	593.0	587.9
-55°	567.4	566.6	564.9	562.3	564.9	566.6	567.4	567.3	566.1	562.5	558.1
-57.5°	536.0	535.4	533.9	531.3	533.9	535.4	536.0	535.5	534.1	531.0	527.3
-60°	499.5	499.1	497.7	495.2	497.7	499.1	499.5	498.8	497.1	494.4	490.8
-62.5°	457.4	457.4	456.3	453.9	456.3	457.4	457.4	456.2	453.9	450.8	447.1
-65°	406.6	406.1	407.0	407.5	407.0	406.1	406.6	406.2	404.8	402.7	399.3
-67.5°	360.4	359.8	358.3	355.9	358.3	359.8	360.4	360.0	358.4	355.4	350.8
-70°	312.6	313.2	311.9	309.5	311.9	313.2	312.6	311.4	309.6	307.1	303.8
-72.5°	263.2	262.1	262.8	263.1	262.8	262.1	263.2	263.6	263.5	262.3	259.6
-75°	217.0	215.7	216.3	216.6	216.3	215.7	217.0	217.8	218.1	217.5	215.4
-77.5°	170.9	169.4	167.5	165.1	167.5	169.4	170.9	171.8	172.2	171.8	169.9
-80°	123.7	123.2	121.1	118.6	121.1	123.2	123.7	123.9	123.8	123.4	122.4
-82.5°	82.9	82.1	82.4	82.5	82.4	82.1	82.9	83.5	83.9	84.0	82.7
-85°	47.2	46.2	46.3	46.4	46.3	46.2	47.2	48.1	48.9	49.5	48.7
-87.5°	16.6	15.4	15.5	15.5	15.5	15.4	16.6	17.8	18.9	19.9	19.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.4	19.0	18.7	18.3	17.8	17.4	16.9	16.3	15.8	15.2	14.6
85°	47.9	46.9	45.8	44.6	43.3	41.9	40.3	38.0	35.7	33.4	31.3
82.5°	81.1	79.4	77.5	75.4	73.1	70.7	68.0	64.3	60.3	56.0	51.4
80°	121.0	119.1	116.4	112.2	107.8	103.3	98.9	94.6	90.1	85.4	80.4
77.5°	167.6	164.7	160.8	153.9	146.9	139.8	132.9	127.1	121.5	115.5	109.2
75°	212.7	209.5	205.0	197.7	189.1	179.4	170.6	163.3	155.6	147.6	139.1
72.5°	256.2	252.3	247.4	241.2	234.0	225.3	214.4	202.9	191.8	181.3	171.3
70°	299.7	295.0	289.9	283.8	276.5	268.2	257.5	244.4	229.6	215.1	204.3
67.5°	345.4	339.1	333.8	328.6	321.9	313.4	301.1	287.6	273.0	256.3	240.8
65°	394.2	387.2	380.5	374.1	366.9	358.6	345.9	331.1	315.2	298.6	281.1
62.5°	442.8	438.0	430.3	421.1	411.5	401.2	389.3	374.7	357.6	338.2	319.0
60°	486.1	480.2	471.5	462.5	453.3	441.8	426.6	413.2	401.7	379.7	356.7
57.5°	523.4	516.6	506.2	496.4	487.5	473.9	458.5	443.3	428.4	413.2	393.4
55°	552.8	545.5	536.2	525.2	513.0	500.5	486.3	470.1	454.4	440.4	422.1
52.5°	581.4	574.2	565.2	554.5	541.5	526.8	511.3	495.2	480.4	466.1	449.7
50°	614.3	605.3	595.3	584.2	570.0	554.2	537.6	520.3	505.1	490.4	474.9
47.5°	655.1	642.1	627.5	614.3	598.7	581.2	563.5	546.1	529.4	512.2	496.6
45°	703.8	686.1	667.1	649.2	629.0	610.0	589.6	571.4	553.6	535.0	515.7
42.5°	765.8	739.0	714.1	689.7	664.7	641.8	618.5	597.3	577.2	557.4	536.5
40°	841.5	805.5	772.8	736.7	706.0	676.2	649.6	623.1	600.7	579.1	556.2
37.5°	934.7	887.7	842.9	796.2	755.1	715.9	682.7	652.2	623.1	599.5	575.4
35°	1054.1	989.8	925.6	867.5	811.9	763.7	719.3	682.7	649.6	619.2	593.7
32.5°	1215.2	1124.3	1026.9	952.2	878.9	815.6	762.5	715.9	676.2	641.8	611.3
30°	1452.4	1303.1	1169.1	1050.5	958.1	876.4	807.1	753.2	706.0	664.7	629.0
27.5°	1792.2	1535.5	1354.5	1179.8	1044.9	945.9	862.3	791.6	736.1	689.7	648.8
25°	2273.8	1884.4	1570.2	1342.3	1158.7	1018.1	919.7	837.7	769.7	713.9	664.7
22.5°	2934.1	2344.3	1862.2	1516.5	1290.0	1115.0	982.1	883.2	800.5	735.0	681.6
20°	3905.4	2892.9	2239.9	1765.6	1437.3	1208.0	1047.2	930.8	835.1	757.0	696.3
17.5°	5058.1	3653.6	2653.3	2020.3	1609.7	1327.1	1122.5	974.6	866.6	776.2	708.3
15°	6286.8	4515.5	3230.9	2360.3	1785.9	1429.3	1185.3	1013.3	896.6	797.4	723.2
12.5°	7855.8	5444.8	3737.6	2644.2	1959.2	1540.4	1258.2	1062.5	926.1	820.1	738.7
10°	9340.0	6414.0	4354.2	3018.0	2170.2	1649.5	1322.8	1100.2	948.9	838.3	751.3
7.5°	10742.4	7345.8	4887.3	3302.5	2333.0	1736.3	1370.8	1127.5	965.1	851.0	760.9
5°	11770.1	8039.3	5304.6	3522.1	2448.2	1799.1	1401.9	1144.5	974.8	858.4	767.4
2.5°	12552.0	8498.8	5558.4	3650.8	2514.0	1836.3	1420.5	1157.4	984.2	864.4	774.7
0°	12911.2	8676.2	5643.2	3719.1	2553.3	1846.7	1428.8	1165.8	990.4	866.6	778.9
-2.5°	12552.0	8498.8	5558.4	3650.8	2514.0	1836.3	1420.5	1157.4	984.2	864.4	774.7
-5°	11770.1	8039.3	5304.6	3522.1	2448.2	1799.1	1401.9	1144.5	974.8	858.4	767.4
-7.5°	10742.4	7345.8	4887.3	3302.5	2333.0	1736.3	1370.8	1127.5	965.1	851.0	760.9
-10°	9340.0	6414.0	4354.2	3018.0	2170.2	1649.5	1322.8	1100.2	948.9	838.3	751.3
-12.5°	7855.8	5444.8	3737.6	2644.2	1959.2	1540.4	1258.2	1062.5	926.1	820.1	738.7
-15°	6286.8	4515.5	3230.9	2360.3	1785.9	1429.3	1185.3	1013.3	896.6	797.4	723.2
-17.5°	5058.1	3653.6	2653.3	2020.3	1609.7	1327.1	1122.5	974.6	866.6	776.2	708.3
-20°	3905.4	2892.9	2239.9	1765.6	1437.3	1208.0	1047.2	930.8	835.1	757.0	696.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2934.1	2344.3	1862.2	1516.5	1290.0	1115.0	982.1	883.2	800.5	735.0	681.6
-25°	2273.8	1884.4	1570.2	1342.3	1158.7	1018.1	919.7	837.7	769.7	713.9	664.7
-27.5°	1792.2	1535.5	1354.5	1179.8	1044.9	945.9	862.3	791.6	736.1	689.7	648.8
-30°	1452.4	1303.1	1169.1	1050.5	958.1	876.4	807.1	753.2	706.0	664.7	629.0
-32.5°	1215.2	1124.3	1026.9	952.2	878.9	815.6	762.5	715.9	676.2	641.8	611.3
-35°	1054.1	989.8	925.6	867.5	811.9	763.7	719.3	682.7	649.6	619.2	593.7
-37.5°	934.7	887.7	842.9	796.2	755.1	715.9	682.7	652.2	623.1	599.5	575.4
-40°	841.5	805.5	772.8	736.7	706.0	676.2	649.6	623.1	600.7	579.1	556.2
-42.5°	765.8	739.0	714.1	689.7	664.7	641.8	618.5	597.3	577.2	557.4	536.5
-45°	703.8	686.1	667.1	649.2	629.0	610.0	589.6	571.4	553.6	535.0	515.7
-47.5°	655.1	642.1	627.5	614.3	598.7	581.2	563.5	546.1	529.4	512.2	496.6
-50°	614.3	605.3	595.3	584.2	570.0	554.2	537.6	520.3	505.1	490.4	474.9
-52.5°	581.4	574.2	565.2	554.5	541.5	526.8	511.3	495.2	480.4	466.1	449.7
-55°	552.8	545.5	536.2	525.2	513.0	500.5	486.3	470.1	454.4	440.4	422.1
-57.5°	523.4	516.6	506.2	496.4	487.5	473.9	458.5	443.3	428.4	413.2	393.4
-60°	486.1	480.2	471.5	462.5	453.3	441.8	426.6	413.2	401.7	379.7	356.7
-62.5°	442.8	438.0	430.3	421.1	411.5	401.2	389.3	374.7	357.6	338.2	319.0
-65°	394.2	387.2	380.5	374.1	366.9	358.6	345.9	331.1	315.2	298.6	281.1
-67.5°	345.4	339.1	333.8	328.6	321.9	313.4	301.1	287.6	273.0	256.3	240.8
-70°	299.7	295.0	289.9	283.8	276.5	268.2	257.5	244.4	229.6	215.1	204.3
-72.5°	256.2	252.3	247.4	241.2	234.0	225.3	214.4	202.9	191.8	181.3	171.3
-75°	212.7	209.5	205.0	197.7	189.1	179.4	170.6	163.3	155.6	147.6	139.1
-77.5°	167.6	164.7	160.8	153.9	146.9	139.8	132.9	127.1	121.5	115.5	109.2
-80°	121.0	119.1	116.4	112.2	107.8	103.3	98.9	94.6	90.1	85.4	80.4
-82.5°	81.1	79.4	77.5	75.4	73.1	70.7	68.0	64.3	60.3	56.0	51.4
-85°	47.9	46.9	45.8	44.6	43.3	41.9	40.3	38.0	35.7	33.4	31.3
-87.5°	19.4	19.0	18.7	18.3	17.8	17.4	16.9	16.3	15.8	15.2	14.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.9	13.2	12.5	11.8	11.1	10.3	9.5	8.7	7.9	7.0	6.2
85°	30.1	28.7	27.0	25.1	22.9	20.6	19.0	17.4	15.7	14.1	12.4
82.5°	48.8	47.0	45.1	42.8	39.5	36.0	32.4	28.8	25.1	21.3	18.5
80°	75.6	70.9	66.4	61.9	56.7	51.4	46.6	41.8	36.8	31.8	26.7
77.5°	102.7	95.9	88.9	82.4	75.8	69.1	62.2	55.2	48.5	42.2	35.9
75°	130.3	122.0	113.6	104.8	95.9	86.8	78.5	70.1	61.5	52.7	45.0
72.5°	161.0	150.2	139.2	127.9	117.4	106.7	95.7	84.8	74.8	64.6	54.3
70°	192.9	179.7	166.4	153.8	140.4	126.5	113.9	101.1	88.0	76.4	64.6
67.5°	226.3	212.9	197.3	180.5	165.3	149.6	132.6	117.6	102.9	88.0	74.8
65°	263.1	246.2	230.0	210.6	191.5	173.1	154.7	134.8	117.6	101.1	84.8
62.5°	299.1	278.7	259.2	239.3	218.4	197.3	176.5	154.2	132.5	113.9	95.7
60°	334.6	312.0	287.9	265.2	243.4	221.1	197.5	173.0	149.1	126.5	106.7
57.5°	368.3	344.6	317.4	290.8	266.3	243.1	217.8	191.1	165.2	140.2	117.3
55°	399.8	373.4	345.0	316.1	288.7	263.1	236.9	208.7	180.8	153.8	127.6
52.5°	428.8	401.1	370.9	340.3	310.2	282.4	254.8	225.5	195.7	166.9	138.7
50°	455.8	428.7	396.5	363.7	330.8	301.4	272.3	241.6	210.0	179.4	149.5
47.5°	479.1	453.4	422.4	386.8	351.8	320.1	289.6	257.4	223.5	191.4	160.0
45°	498.2	476.4	446.4	410.6	373.1	339.5	306.5	272.8	237.4	202.9	170.0
42.5°	515.8	495.5	468.6	434.0	395.0	358.7	323.1	287.9	250.9	213.9	179.6
40°	533.9	512.4	489.1	454.3	415.5	377.0	339.8	302.5	264.0	224.7	188.7
37.5°	550.7	528.4	504.8	473.2	434.0	394.3	355.7	316.6	276.1	235.5	197.4
35°	567.8	542.8	518.4	488.0	450.0	410.0	370.9	330.2	287.6	245.5	205.6
32.5°	584.2	556.2	529.8	500.1	464.7	424.2	384.5	342.1	298.3	254.8	213.3
30°	599.1	568.7	540.8	511.7	477.2	436.5	395.9	352.8	308.3	263.2	220.5
27.5°	611.1	579.0	551.3	521.8	487.2	447.6	406.0	362.5	317.5	271.1	227.4
25°	623.0	588.7	559.7	530.9	496.6	458.8	415.3	371.0	325.5	278.5	233.5
22.5°	636.2	597.6	566.3	539.6	506.2	469.6	424.2	378.5	332.5	285.1	239.0
20°	647.8	605.3	571.2	546.4	513.8	477.6	432.7	385.2	338.5	291.0	243.8
17.5°	658.1	613.6	577.6	550.4	519.8	484.5	440.5	391.1	343.6	296.1	247.9
15°	668.8	622.2	583.4	553.7	524.6	490.3	447.6	396.3	347.7	300.5	251.6
12.5°	678.3	629.3	588.0	556.3	528.3	495.0	453.8	400.5	350.9	304.1	255.0
10°	686.3	634.7	591.5	558.0	530.8	498.6	459.2	404.7	354.3	306.9	257.8
7.5°	692.5	638.5	593.7	559.0	532.6	501.4	463.7	409.4	357.2	308.8	260.1
5°	697.0	641.5	597.2	562.2	534.8	503.7	466.9	413.2	359.3	309.9	261.7
2.5°	700.4	644.0	600.9	565.2	536.1	505.0	468.8	416.0	360.6	310.1	262.8
0°	701.5	644.8	603.5	567.4	536.5	505.5	469.4	417.8	361.1	309.5	263.1
-2.5°	700.4	644.0	600.9	565.2	536.1	505.0	468.8	416.0	360.6	310.1	262.8
-5°	697.0	641.5	597.2	562.2	534.8	503.7	466.9	413.2	359.3	309.9	261.7
-7.5°	692.5	638.5	593.7	559.0	532.6	501.4	463.7	409.4	357.2	308.8	260.1
-10°	686.3	634.7	591.5	558.0	530.8	498.6	459.2	404.7	354.3	306.9	257.8
-12.5°	678.3	629.3	588.0	556.3	528.3	495.0	453.8	400.5	350.9	304.1	255.0
-15°	668.8	622.2	583.4	553.7	524.6	490.3	447.6	396.3	347.7	300.5	251.6
-17.5°	658.1	613.6	577.6	550.4	519.8	484.5	440.5	391.1	343.6	296.1	247.9
-20°	647.8	605.3	571.2	546.4	513.8	477.6	432.7	385.2	338.5	291.0	243.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	636.2	597.6	566.3	539.6	506.2	469.6	424.2	378.5	332.5	285.1	239.0
-25°	623.0	588.7	559.7	530.9	496.6	458.8	415.3	371.0	325.5	278.5	233.5
-27.5°	611.1	579.0	551.3	521.8	487.2	447.6	406.0	362.5	317.5	271.1	227.4
-30°	599.1	568.7	540.8	511.7	477.2	436.5	395.9	352.8	308.3	263.2	220.5
-32.5°	584.2	556.2	529.8	500.1	464.7	424.2	384.5	342.1	298.3	254.8	213.3
-35°	567.8	542.8	518.4	488.0	450.0	410.0	370.9	330.2	287.6	245.5	205.6
-37.5°	550.7	528.4	504.8	473.2	434.0	394.3	355.7	316.6	276.1	235.5	197.4
-40°	533.9	512.4	489.1	454.3	415.5	377.0	339.8	302.5	264.0	224.7	188.7
-42.5°	515.8	495.5	468.6	434.0	395.0	358.7	323.1	287.9	250.9	213.9	179.6
-45°	498.2	476.4	446.4	410.6	373.1	339.5	306.5	272.8	237.4	202.9	170.0
-47.5°	479.1	453.4	422.4	386.8	351.8	320.1	289.6	257.4	223.5	191.4	160.0
-50°	455.8	428.7	396.5	363.7	330.8	301.4	272.3	241.6	210.0	179.4	149.5
-52.5°	428.8	401.1	370.9	340.3	310.2	282.4	254.8	225.5	195.7	166.9	138.7
-55°	399.8	373.4	345.0	316.1	288.7	263.1	236.9	208.7	180.8	153.8	127.6
-57.5°	368.3	344.6	317.4	290.8	266.3	243.1	217.8	191.1	165.2	140.2	117.3
-60°	334.6	312.0	287.9	265.2	243.4	221.1	197.5	173.0	149.1	126.5	106.7
-62.5°	299.1	278.7	259.2	239.3	218.4	197.3	176.5	154.2	132.5	113.9	95.7
-65°	263.1	246.2	230.0	210.6	191.5	173.1	154.7	134.8	117.6	101.1	84.8
-67.5°	226.3	212.9	197.3	180.5	165.3	149.6	132.6	117.6	102.9	88.0	74.8
-70°	192.9	179.7	166.4	153.8	140.4	126.5	113.9	101.1	88.0	76.4	64.6
-72.5°	161.0	150.2	139.2	127.9	117.4	106.7	95.7	84.8	74.8	64.6	54.3
-75°	130.3	122.0	113.6	104.8	95.9	86.8	78.5	70.1	61.5	52.7	45.0
-77.5°	102.7	95.9	88.9	82.4	75.8	69.1	62.2	55.2	48.5	42.2	35.9
-80°	75.6	70.9	66.4	61.9	56.7	51.4	46.6	41.8	36.8	31.8	26.7
-82.5°	48.8	47.0	45.1	42.8	39.5	36.0	32.4	28.8	25.1	21.3	18.5
-85°	30.1	28.7	27.0	25.1	22.9	20.6	19.0	17.4	15.7	14.1	12.4
-87.5°	13.9	13.2	12.5	11.8	11.1	10.3	9.5	8.7	7.9	7.0	6.2
-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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REPORT NUMBER: P627589 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.3	4.5	3.6	2.7	1.8	0.8	0.0
85°	10.7	8.9	7.1	5.4	3.6	1.6	0.0
82.5°	16.0	13.3	10.7	8.0	5.4	2.4	0.0
80°	21.5	17.7	14.2	10.7	7.1	3.1	0.0
77.5°	29.4	22.8	17.7	13.3	8.9	3.9	0.0
75°	37.1	29.0	21.5	16.0	10.6	4.6	0.0
72.5°	44.7	35.1	26.2	18.5	12.2	5.4	0.0
70°	52.3	41.1	30.8	21.2	13.9	6.1	0.0
67.5°	60.9	46.9	35.3	24.5	15.5	6.8	0.0
65°	69.4	53.3	39.7	27.7	17.0	7.5	0.0
62.5°	77.7	60.2	44.0	30.8	18.5	8.2	0.0
60°	85.8	67.0	48.1	33.8	19.9	8.9	0.0
57.5°	94.7	73.5	53.3	36.7	21.8	9.5	0.0
55°	103.5	79.9	58.4	39.5	23.6	10.1	0.0
52.5°	112.0	86.3	63.4	42.2	25.4	10.7	0.0
50°	120.2	93.1	68.1	44.8	27.1	11.2	0.0
47.5°	128.3	99.7	72.7	47.5	28.8	11.7	0.0
45°	136.9	106.1	77.1	50.8	30.4	12.2	0.0
42.5°	145.1	112.1	81.3	54.0	32.0	12.7	0.0
40°	152.9	117.9	85.6	57.1	33.5	13.1	0.0
37.5°	160.3	123.3	90.0	60.0	34.9	13.5	0.0
35°	167.3	128.9	94.1	62.8	36.3	13.9	0.0
32.5°	173.9	134.3	97.9	65.5	37.6	14.2	0.0
30°	180.0	139.4	101.5	67.9	38.8	14.5	0.0
27.5°	185.6	144.1	105.0	70.2	39.9	14.8	0.0
25°	190.7	148.3	108.2	72.3	41.0	15.0	0.0
22.5°	195.4	152.2	111.1	74.2	42.0	15.2	0.0
20°	199.6	155.5	113.7	75.9	42.9	15.4	0.0
17.5°	203.0	158.4	116.1	77.5	43.7	15.5	0.0
15°	205.8	160.7	118.1	78.8	44.4	15.6	0.0
12.5°	208.1	162.6	119.8	79.9	45.0	15.7	0.0
10°	209.9	164.0	121.3	80.8	45.5	15.7	0.0
7.5°	211.1	164.9	122.4	81.6	45.9	15.7	0.0
5°	211.8	165.4	123.2	82.1	46.2	15.7	0.0
2.5°	211.9	165.5	123.6	82.4	46.3	15.6	0.0
0°	211.5	165.1	123.8	82.5	46.4	15.5	0.0
-2.5°	211.9	165.5	123.6	82.4	46.3	15.6	0.0
-5°	211.8	165.4	123.2	82.1	46.2	15.7	0.0
-7.5°	211.1	164.9	122.4	81.6	45.9	15.7	0.0
-10°	209.9	164.0	121.3	80.8	45.5	15.7	0.0
-12.5°	208.1	162.6	119.8	79.9	45.0	15.7	0.0
-15°	205.8	160.7	118.1	78.8	44.4	15.6	0.0
-17.5°	203.0	158.4	116.1	77.5	43.7	15.5	0.0
-20°	199.6	155.5	113.7	75.9	42.9	15.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	195.4	152.2	111.1	74.2	42.0	15.2	0.0
-25°	190.7	148.3	108.2	72.3	41.0	15.0	0.0
-27.5°	185.6	144.1	105.0	70.2	39.9	14.8	0.0
-30°	180.0	139.4	101.5	67.9	38.8	14.5	0.0
-32.5°	173.9	134.3	97.9	65.5	37.6	14.2	0.0
-35°	167.3	128.9	94.1	62.8	36.3	13.9	0.0
-37.5°	160.3	123.3	90.0	60.0	34.9	13.5	0.0
-40°	152.9	117.9	85.6	57.1	33.5	13.1	0.0
-42.5°	145.1	112.1	81.3	54.0	32.0	12.7	0.0
-45°	136.9	106.1	77.1	50.8	30.4	12.2	0.0
-47.5°	128.3	99.7	72.7	47.5	28.8	11.7	0.0
-50°	120.2	93.1	68.1	44.8	27.1	11.2	0.0
-52.5°	112.0	86.3	63.4	42.2	25.4	10.7	0.0
-55°	103.5	79.9	58.4	39.5	23.6	10.1	0.0
-57.5°	94.7	73.5	53.3	36.7	21.8	9.5	0.0
-60°	85.8	67.0	48.1	33.8	19.9	8.9	0.0
-62.5°	77.7	60.2	44.0	30.8	18.5	8.2	0.0
-65°	69.4	53.3	39.7	27.7	17.0	7.5	0.0
-67.5°	60.9	46.9	35.3	24.5	15.5	6.8	0.0
-70°	52.3	41.1	30.8	21.2	13.9	6.1	0.0
-72.5°	44.7	35.1	26.2	18.5	12.2	5.4	0.0
-75°	37.1	29.0	21.5	16.0	10.6	4.6	0.0
-77.5°	29.4	22.8	17.7	13.3	8.9	3.9	0.0
-80°	21.5	17.7	14.2	10.7	7.1	3.1	0.0
-82.5°	16.0	13.3	10.7	8.0	5.4	2.4	0.0
-85°	10.7	8.9	7.1	5.4	3.6	1.6	0.0
-87.5°	5.3	4.5	3.6	2.7	1.8	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)