

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: P626863 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626863 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-735-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N48
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

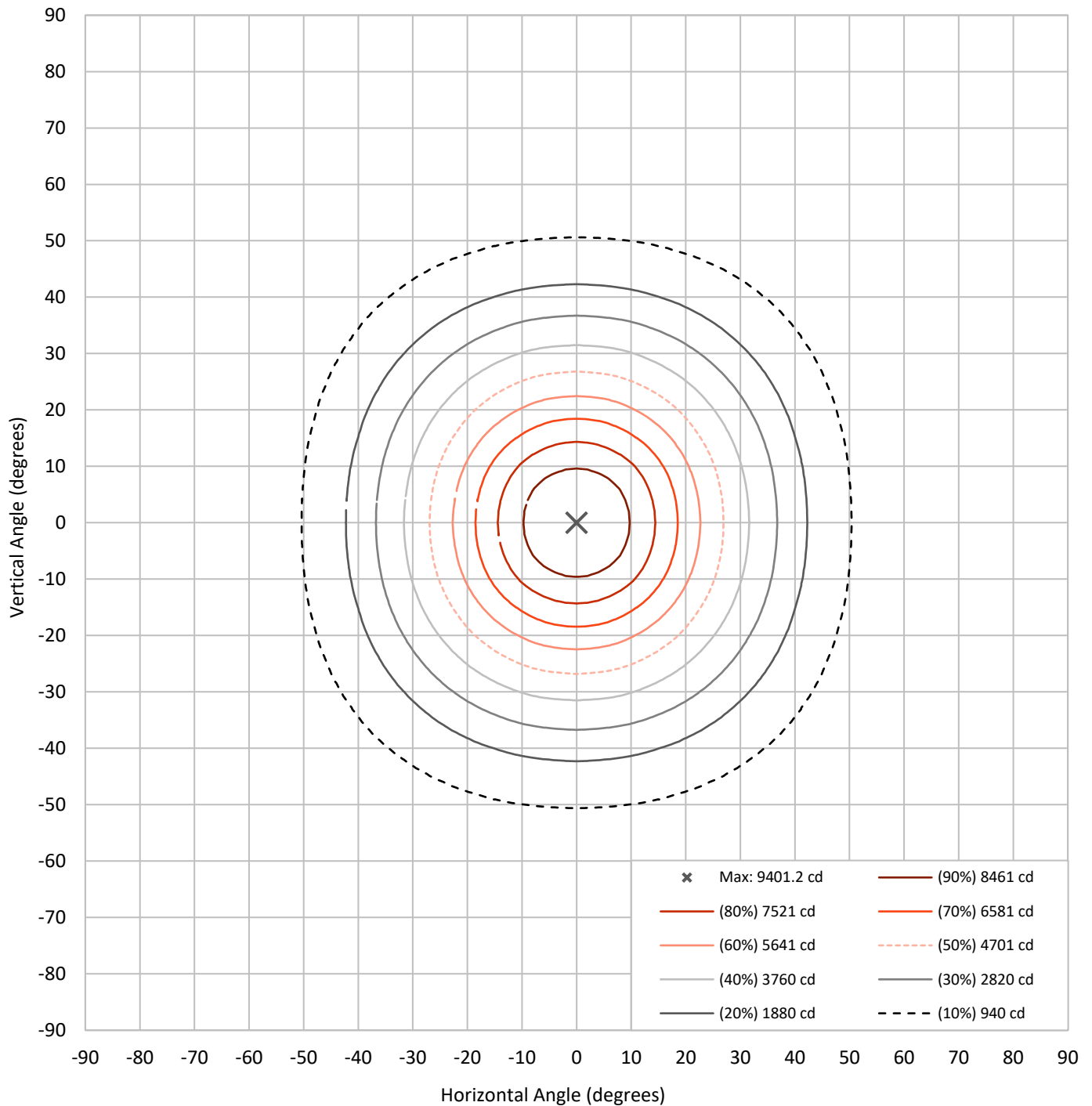
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	9568.3 lumens	Max Intensity:	9401.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	150.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	4575 lumens	Field Lumens:	8444.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	63.6		
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





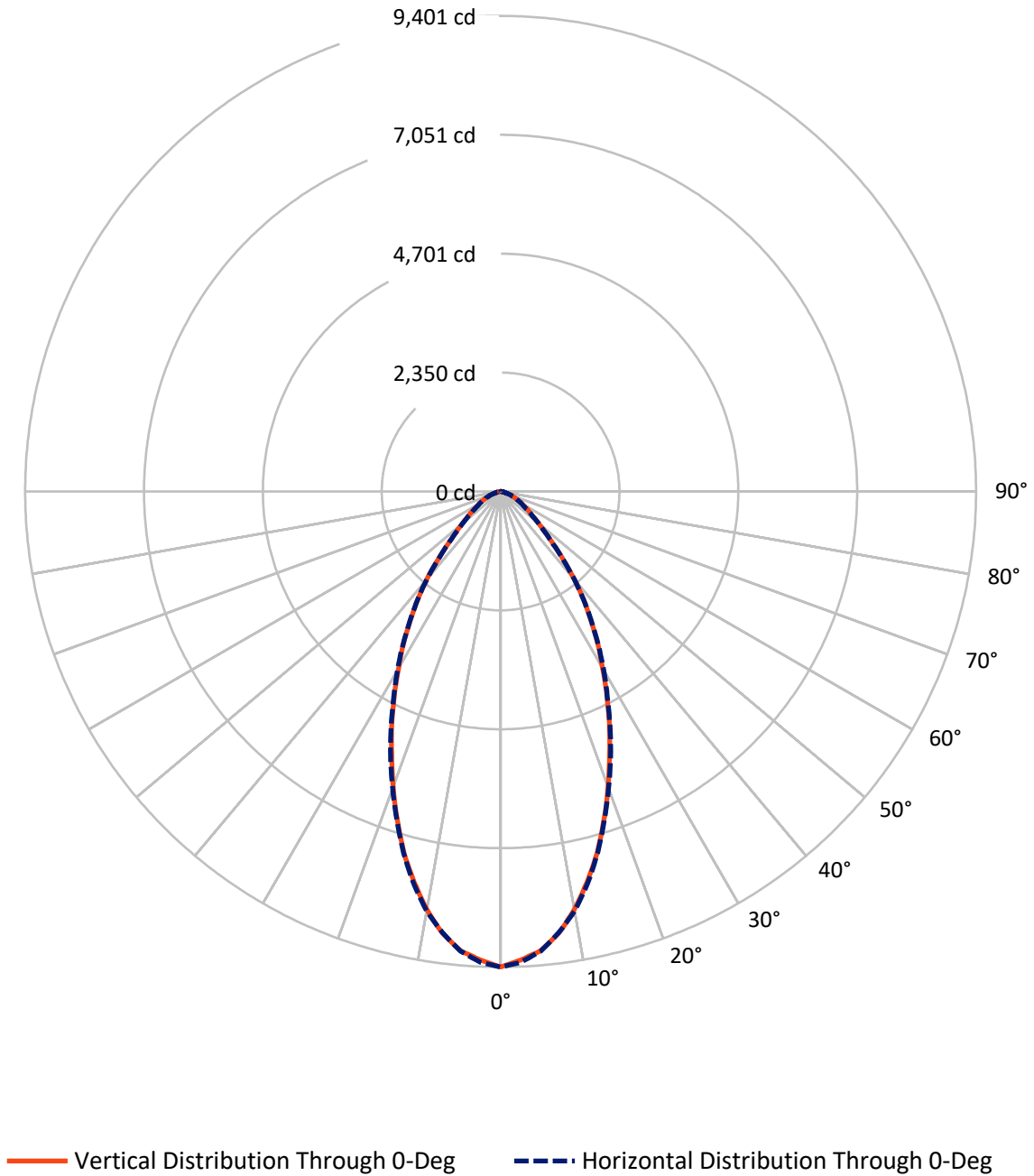
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Lumen Table

90																			
80	0.4	2.6		6.0		10.0		8.6		10.0		6.0		2.6		0.4			
70																			
60	1.2	1.5	2.7	4.4	6.4	8.3	9.7	10.4	10.4	9.7	8.3	6.4	4.4	2.7	1.5	1.2			
50		2.1	4.1	7.2	11.0	15.1	18.9	21.1	21.1	18.9	15.1	11.0	7.2	4.1	2.1				
40	1.8	2.6	5.7	10.7	18.1	27.8	38.3	45.3	45.3	38.3	27.8	18.1	10.7	5.7	2.6	1.8			
30		3.2	7.5	15.6	30.3	53.8	78.2	92.8	92.8	78.2	53.8	30.3	15.6	7.5	3.2				
20	2.2	3.7	9.4	21.8	49.0	88.1	126.1	150.7	150.7	126.1	88.1	49.0	21.8	9.4	3.7	2.2			
10		4.2	11.0	28.3	66.9	119.0	175.7	216.1	216.1	175.7	119.0	66.9	28.3	11.0	4.2				
0	2.3	4.4	11.9	32.5	77.0	138.4	210.5	264.8	264.8	210.5	138.4	77.0	32.5	11.9	4.4	2.3			
-10		4.4	11.9	32.5	77.0	138.4	210.5	264.8	264.8	210.5	138.4	77.0	32.5	11.9	4.4				
-20	2.2	4.2	11.0	28.3	66.9	119.0	175.7	216.1	216.1	175.7	119.0	66.9	28.3	11.0	4.2	2.2			
-30		3.7	9.4	21.8	49.0	88.1	126.1	150.7	150.7	126.1	88.1	49.0	21.8	9.4	3.7				
-40	1.8	3.2	7.5	15.6	30.3	53.8	78.2	92.8	92.8	78.2	53.8	30.3	15.6	7.5	3.2	1.8			
-50		2.6	5.7	10.7	18.1	27.8	38.3	45.3	45.3	38.3	27.8	18.1	10.7	5.7	2.6				
-60	1.2	2.1	4.1	7.2	11.0	15.1	18.9	21.1	21.1	18.9	15.1	11.0	7.2	4.1	2.1	1.2			
-70		1.5	2.7	4.4	6.4	8.3	9.7	10.4	10.4	9.7	8.3	6.4	4.4	2.7	1.5				
-80																			
-90	0.4	2.6		6.0		10.0		8.6		10.0		6.0		2.6		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

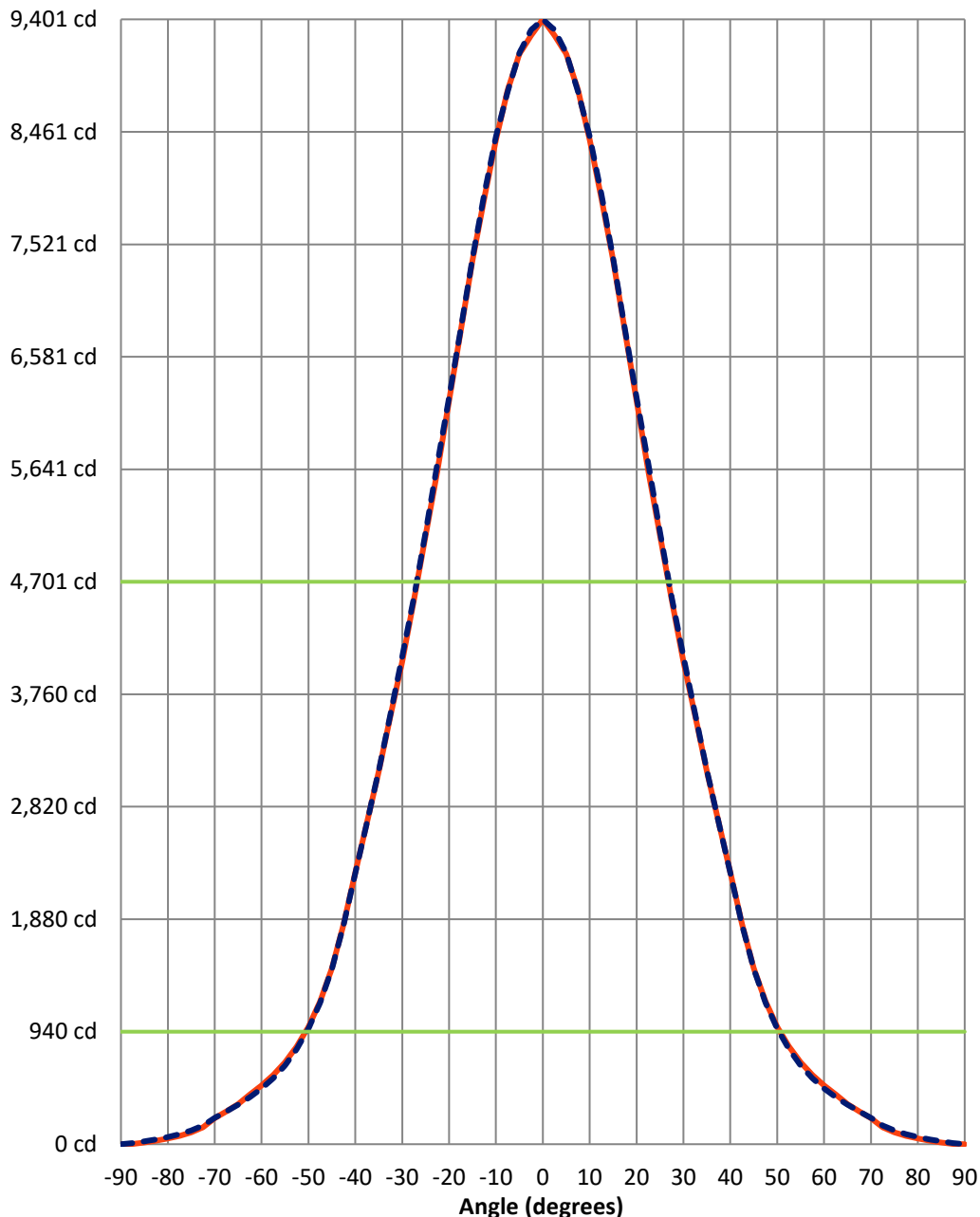
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 4575
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 8444.3
 Efficiency: 88.3%

Spill:
 Lumens: 1123.9
 Efficiency: 11.7%

— 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	0.5	1.1	1.8	2.6	3.5	4.5	5.0	5.4	5.7	5.9
85°	0.0	1.0	2.2	3.6	5.2	7.0	8.9	9.9	10.7	11.4	11.8
82.5°	0.0	1.4	3.3	5.4	7.7	10.4	13.4	14.9	16.4	19.0	21.3
80°	0.0	1.9	4.4	7.1	10.3	13.8	18.1	22.5	26.4	29.8	32.8
77.5°	0.0	2.4	5.4	8.9	12.8	18.0	25.9	31.6	36.3	40.6	44.8
75°	0.0	2.8	6.5	10.6	15.5	23.5	33.4	40.6	46.3	52.0	58.3
72.5°	0.0	3.3	7.5	12.2	19.2	28.8	40.7	49.4	56.3	63.6	71.5
70°	0.0	3.7	8.5	14.0	22.7	34.0	47.6	57.7	66.1	75.0	85.6
67.5°	0.0	4.1	9.4	16.2	26.2	38.9	53.6	65.9	75.7	86.8	99.4
65°	0.0	4.6	10.4	18.3	29.4	43.4	59.3	73.9	85.2	98.2	112.5
62.5°	0.0	5.0	11.3	20.2	32.5	47.5	64.7	81.5	94.3	109.0	124.8
60°	0.0	5.4	12.1	22.1	35.3	51.4	69.7	88.7	103.0	119.6	136.6
57.5°	0.0	5.7	13.2	23.8	38.0	55.0	74.3	95.1	111.8	129.8	147.5
55°	0.0	6.1	14.2	25.4	40.5	58.3	78.5	100.3	120.5	139.5	158.0
52.5°	0.0	6.5	15.2	26.9	42.7	61.4	82.3	105.9	128.7	148.8	168.2
50°	0.0	6.8	16.1	28.2	44.8	64.2	85.8	111.2	136.7	157.9	179.4
47.5°	0.0	7.1	17.0	29.4	46.7	66.7	89.1	116.0	144.6	166.7	190.4
45°	0.0	7.4	17.9	30.6	48.3	68.9	92.7	120.3	150.2	176.2	201.1
42.5°	0.0	7.7	18.7	31.7	49.7	70.9	96.0	124.5	155.3	185.4	212.1
40°	0.0	7.9	19.4	32.9	51.0	72.5	98.8	128.6	160.4	194.0	222.7
37.5°	0.0	8.2	20.1	34.1	52.1	73.9	101.3	132.3	166.0	200.8	232.8
35°	0.0	8.4	20.8	35.1	53.0	75.4	103.3	135.6	171.4	208.1	243.1
32.5°	0.0	8.6	21.4	36.1	53.7	76.8	105.1	138.5	176.6	215.7	253.7
30°	0.0	8.8	21.9	37.0	54.2	77.9	107.2	141.3	181.4	223.3	263.7
27.5°	0.0	8.9	22.4	37.8	55.4	78.7	108.9	144.8	186.4	230.9	273.1
25°	0.0	9.1	22.8	38.5	56.5	79.2	110.2	148.0	192.1	238.4	281.8
22.5°	0.0	9.2	23.2	39.1	57.5	79.8	111.1	150.7	197.4	245.2	291.3
20°	0.0	9.3	23.5	39.6	58.3	81.2	111.6	153.1	202.5	251.4	299.9
17.5°	0.0	9.3	23.7	40.0	59.0	82.4	112.9	155.0	207.1	256.9	307.4
15°	0.0	9.4	23.9	40.3	59.6	83.4	114.4	156.7	211.3	261.5	313.8
12.5°	0.0	9.4	24.1	40.5	60.0	84.0	115.5	158.3	214.8	265.5	319.2
10°	0.0	9.4	24.1	40.5	60.2	84.5	116.2	159.2	217.6	268.7	323.5
7.5°	0.0	9.4	24.2	40.5	60.4	84.6	116.4	159.4	219.5	271.3	326.9
5°	0.0	9.4	24.1	40.4	60.3	84.6	116.3	158.9	220.6	273.0	329.2
2.5°	0.0	9.4	24.0	40.2	60.1	84.2	115.8	157.8	220.7	273.9	330.3
0°	0.0	9.3	23.9	39.9	59.8	83.7	114.9	156.1	219.9	273.8	330.2
-2.5°	0.0	9.4	24.0	40.2	60.1	84.2	115.8	157.8	220.7	273.9	330.3
-5°	0.0	9.4	24.1	40.4	60.3	84.6	116.3	158.9	220.6	273.0	329.2
-7.5°	0.0	9.4	24.2	40.5	60.4	84.6	116.4	159.4	219.5	271.3	326.9
-10°	0.0	9.4	24.1	40.5	60.2	84.5	116.2	159.2	217.6	268.7	323.5
-12.5°	0.0	9.4	24.1	40.5	60.0	84.0	115.5	158.3	214.8	265.5	319.2
-15°	0.0	9.4	23.9	40.3	59.6	83.4	114.4	156.7	211.3	261.5	313.8
-17.5°	0.0	9.3	23.7	40.0	59.0	82.4	112.9	155.0	207.1	256.9	307.4
-20°	0.0	9.3	23.5	39.6	58.3	81.2	111.6	153.1	202.5	251.4	299.9

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.2	23.2	39.1	57.5	79.8	111.1	150.7	197.4	245.2	291.3
-25°	0.0	9.1	22.8	38.5	56.5	79.2	110.2	148.0	192.1	238.4	281.8
-27.5°	0.0	8.9	22.4	37.8	55.4	78.7	108.9	144.8	186.4	230.9	273.1
-30°	0.0	8.8	21.9	37.0	54.2	77.9	107.2	141.3	181.4	223.3	263.7
-32.5°	0.0	8.6	21.4	36.1	53.7	76.8	105.1	138.5	176.6	215.7	253.7
-35°	0.0	8.4	20.8	35.1	53.0	75.4	103.3	135.6	171.4	208.1	243.1
-37.5°	0.0	8.2	20.1	34.1	52.1	73.9	101.3	132.3	166.0	200.8	232.8
-40°	0.0	7.9	19.4	32.9	51.0	72.5	98.8	128.6	160.4	194.0	222.7
-42.5°	0.0	7.7	18.7	31.7	49.7	70.9	96.0	124.5	155.3	185.4	212.1
-45°	0.0	7.4	17.9	30.6	48.3	68.9	92.7	120.3	150.2	176.2	201.1
-47.5°	0.0	7.1	17.0	29.4	46.7	66.7	89.1	116.0	144.6	166.7	190.4
-50°	0.0	6.8	16.1	28.2	44.8	64.2	85.8	111.2	136.7	157.9	179.4
-52.5°	0.0	6.5	15.2	26.9	42.7	61.4	82.3	105.9	128.7	148.8	168.2
-55°	0.0	6.1	14.2	25.4	40.5	58.3	78.5	100.3	120.5	139.5	158.0
-57.5°	0.0	5.7	13.2	23.8	38.0	55.0	74.3	95.1	111.8	129.8	147.5
-60°	0.0	5.4	12.1	22.1	35.3	51.4	69.7	88.7	103.0	119.6	136.6
-62.5°	0.0	5.0	11.3	20.2	32.5	47.5	64.7	81.5	94.3	109.0	124.8
-65°	0.0	4.6	10.4	18.3	29.4	43.4	59.3	73.9	85.2	98.2	112.5
-67.5°	0.0	4.1	9.4	16.2	26.2	38.9	53.6	65.9	75.7	86.8	99.4
-70°	0.0	3.7	8.5	14.0	22.7	34.0	47.6	57.7	66.1	75.0	85.6
-72.5°	0.0	3.3	7.5	12.2	19.2	28.8	40.7	49.4	56.3	63.6	71.5
-75°	0.0	2.8	6.5	10.6	15.5	23.5	33.4	40.6	46.3	52.0	58.3
-77.5°	0.0	2.4	5.4	8.9	12.8	18.0	25.9	31.6	36.3	40.6	44.8
-80°	0.0	1.9	4.4	7.1	10.3	13.8	18.1	22.5	26.4	29.8	32.8
-82.5°	0.0	1.4	3.3	5.4	7.7	10.4	13.4	14.9	16.4	19.0	21.3
-85°	0.0	1.0	2.2	3.6	5.2	7.0	8.9	9.9	10.7	11.4	11.8
-87.5°	0.0	0.5	1.1	1.8	2.6	3.5	4.5	5.0	5.4	5.7	5.9
-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°	6.0	6.0	5.9	5.7	5.5	5.1	4.7	4.2	4.4	4.6	4.8
85°	12.0	12.0	13.0	13.9	14.3	14.4	14.1	13.5	15.2	17.3	19.4
82.5°	23.4	25.4	27.3	29.1	29.3	28.8	27.9	26.9	30.5	34.8	39.3
80°	35.9	38.8	42.3	45.5	46.2	45.9	44.9	43.3	48.0	54.6	61.8
77.5°	49.8	54.5	58.9	63.0	64.2	64.0	63.3	61.9	67.9	77.1	86.6
75°	64.5	70.2	75.9	80.9	83.0	83.2	82.9	84.4	92.2	103.0	112.4
72.5°	79.7	87.0	93.4	99.0	102.4	105.1	108.5	112.8	120.7	131.3	140.6
70°	95.9	104.0	110.8	116.9	122.2	127.9	135.3	142.6	150.9	161.5	171.1
67.5°	111.8	120.1	127.7	135.3	144.9	154.1	163.2	172.7	183.3	194.3	204.1
65°	126.6	135.9	145.3	156.2	168.7	179.1	190.4	202.8	216.6	229.0	240.4
62.5°	140.8	151.3	162.9	176.1	189.5	202.6	217.7	233.7	249.8	265.4	280.9
60°	152.8	165.9	179.9	194.8	210.4	228.1	245.9	264.8	284.1	302.9	322.1
57.5°	164.3	180.5	196.6	213.9	233.4	253.7	275.0	296.4	319.4	342.2	363.9
55°	176.3	195.3	213.7	234.2	256.5	280.4	304.5	330.4	355.8	384.4	410.8
52.5°	189.0	209.7	231.3	254.9	280.9	307.8	336.0	365.7	397.4	429.2	461.5
50°	201.5	224.8	248.9	277.1	306.2	336.9	369.5	404.0	440.9	477.8	516.9
47.5°	214.5	239.4	268.8	299.4	332.8	367.7	404.6	445.7	486.7	533.1	577.9
45°	227.3	256.0	287.9	323.5	360.1	399.4	443.4	488.5	540.8	593.2	652.1
42.5°	239.7	272.8	308.8	346.8	388.4	433.7	482.3	539.0	597.9	662.8	731.9
40°	253.9	288.8	329.3	371.8	416.9	468.7	527.1	590.1	662.0	738.9	817.4
37.5°	267.6	306.8	349.6	395.6	448.0	506.4	570.9	648.1	731.0	818.4	925.3
35°	280.5	324.0	370.4	420.9	477.7	545.2	622.4	707.7	803.3	916.0	1040.7
32.5°	294.2	340.2	390.1	446.7	511.0	584.8	672.4	772.9	886.0	1014.3	1170.3
30°	308.0	357.0	409.7	470.9	542.4	627.8	727.4	838.5	968.6	1129.6	1312.7
27.5°	320.7	372.6	430.3	496.6	573.0	667.5	780.3	910.4	1063.7	1245.7	1459.5
25°	332.5	386.8	449.3	521.0	606.7	710.3	832.6	976.7	1158.9	1375.8	1639.0
22.5°	343.6	399.8	466.5	543.0	637.1	751.8	889.4	1054.4	1255.8	1499.1	1814.7
20°	354.1	413.8	483.5	564.0	664.2	789.2	941.7	1126.9	1356.0	1644.2	1987.1
17.5°	363.3	426.2	499.7	586.7	694.5	827.3	990.9	1190.8	1445.2	1773.7	2146.2
15°	371.2	436.9	513.6	606.4	721.7	865.2	1042.7	1261.0	1538.3	1891.4	2285.8
12.5°	377.8	445.8	525.4	622.9	744.6	897.1	1086.8	1323.5	1628.9	2002.3	2408.4
10°	383.1	453.0	534.8	636.3	763.1	923.1	1123.2	1374.6	1704.4	2097.4	2512.1
7.5°	387.4	458.6	542.0	646.4	777.0	943.0	1151.6	1414.1	1763.3	2172.7	2591.7
5°	390.6	462.6	547.6	653.5	787.3	956.8	1171.4	1441.7	1805.3	2227.2	2646.1
2.5°	392.3	464.8	550.7	657.3	793.5	964.6	1181.8	1459.0	1828.3	2258.3	2679.0
0°	392.7	465.1	551.5	657.8	795.3	966.1	1183.4	1464.4	1833.2	2266.4	2691.0
-2.5°	392.3	464.8	550.7	657.3	793.5	964.6	1181.8	1459.0	1828.3	2258.3	2679.0
-5°	390.6	462.6	547.6	653.5	787.3	956.8	1171.4	1441.7	1805.3	2227.2	2646.1
-7.5°	387.4	458.6	542.0	646.4	777.0	943.0	1151.6	1414.1	1763.3	2172.7	2591.7
-10°	383.1	453.0	534.8	636.3	763.1	923.1	1123.2	1374.6	1704.4	2097.4	2512.1
-12.5°	377.8	445.8	525.4	622.9	744.6	897.1	1086.8	1323.5	1628.9	2002.3	2408.4
-15°	371.2	436.9	513.6	606.4	721.7	865.2	1042.7	1261.0	1538.3	1891.4	2285.8
-17.5°	363.3	426.2	499.7	586.7	694.5	827.3	990.9	1190.8	1445.2	1773.7	2146.2
-20°	354.1	413.8	483.5	564.0	664.2	789.2	941.7	1126.9	1356.0	1644.2	1987.1



REPORT NUMBER: P626863 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	343.6	399.8	466.5	543.0	637.1	751.8	889.4	1054.4	1255.8	1499.1	1814.7
-25°	332.5	386.8	449.3	521.0	606.7	710.3	832.6	976.7	1158.9	1375.8	1639.0
-27.5°	320.7	372.6	430.3	496.6	573.0	667.5	780.3	910.4	1063.7	1245.7	1459.5
-30°	308.0	357.0	409.7	470.9	542.4	627.8	727.4	838.5	968.6	1129.6	1312.7
-32.5°	294.2	340.2	390.1	446.7	511.0	584.8	672.4	772.9	886.0	1014.3	1170.3
-35°	280.5	324.0	370.4	420.9	477.7	545.2	622.4	707.7	803.3	916.0	1040.7
-37.5°	267.6	306.8	349.6	395.6	448.0	506.4	570.9	648.1	731.0	818.4	925.3
-40°	253.9	288.8	329.3	371.8	416.9	468.7	527.1	590.1	662.0	738.9	817.4
-42.5°	239.7	272.8	308.8	346.8	388.4	433.7	482.3	539.0	597.9	662.8	731.9
-45°	227.3	256.0	287.9	323.5	360.1	399.4	443.4	488.5	540.8	593.2	652.1
-47.5°	214.5	239.4	268.8	299.4	332.8	367.7	404.6	445.7	486.7	533.1	577.9
-50°	201.5	224.8	248.9	277.1	306.2	336.9	369.5	404.0	440.9	477.8	516.9
-52.5°	189.0	209.7	231.3	254.9	280.9	307.8	336.0	365.7	397.4	429.2	461.5
-55°	176.3	195.3	213.7	234.2	256.5	280.4	304.5	330.4	355.8	384.4	410.8
-57.5°	164.3	180.5	196.6	213.9	233.4	253.7	275.0	296.4	319.4	342.2	363.9
-60°	152.8	165.9	179.9	194.8	210.4	228.1	245.9	264.8	284.1	302.9	322.1
-62.5°	140.8	151.3	162.9	176.1	189.5	202.6	217.7	233.7	249.8	265.4	280.9
-65°	126.6	135.9	145.3	156.2	168.7	179.1	190.4	202.8	216.6	229.0	240.4
-67.5°	111.8	120.1	127.7	135.3	144.9	154.1	163.2	172.7	183.3	194.3	204.1
-70°	95.9	104.0	110.8	116.9	122.2	127.9	135.3	142.6	150.9	161.5	171.1
-72.5°	79.7	87.0	93.4	99.0	102.4	105.1	108.5	112.8	120.7	131.3	140.6
-75°	64.5	70.2	75.9	80.9	83.0	83.2	82.9	84.4	92.2	103.0	112.4
-77.5°	49.8	54.5	58.9	63.0	64.2	64.0	63.3	61.9	67.9	77.1	86.6
-80°	35.9	38.8	42.3	45.5	46.2	45.9	44.9	43.3	48.0	54.6	61.8
-82.5°	23.4	25.4	27.3	29.1	29.3	28.8	27.9	26.9	30.5	34.8	39.3
-85°	12.0	12.0	13.0	13.9	14.3	14.4	14.1	13.5	15.2	17.3	19.4
-87.5°	6.0	6.0	5.9	5.7	5.5	5.1	4.7	4.2	4.4	4.6	4.8
-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: P626863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-WR-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°	4.9	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.6	3.3
85°	21.6	22.1	22.4	22.5	22.5	23.2	23.9	24.5	25.1	22.7	20.1
82.5°	44.0	46.0	47.8	49.6	51.4	52.6	53.5	54.2	54.6	49.4	43.6
80°	69.2	73.5	77.1	80.5	83.8	84.6	84.6	84.1	83.2	76.1	68.1
77.5°	96.2	101.9	106.4	110.8	115.2	116.9	117.6	118.2	118.6	109.8	99.0
75°	120.7	127.5	133.8	139.6	145.0	147.9	149.6	150.9	152.0	143.2	131.6
72.5°	148.7	155.8	162.6	169.1	174.8	178.6	181.1	183.1	184.7	179.7	172.5
70°	179.4	186.8	194.0	200.7	207.2	212.3	216.3	219.8	222.7	223.2	222.9
67.5°	213.5	222.3	230.8	238.2	245.8	253.0	259.4	264.6	268.9	271.6	273.2
65°	251.9	265.0	276.7	286.6	294.9	304.5	313.0	319.4	324.0	327.5	330.4
62.5°	297.0	313.0	326.3	339.5	353.2	366.4	374.7	383.0	391.2	398.9	405.4
60°	340.4	357.9	376.0	392.9	408.5	422.9	437.8	451.0	462.5	472.2	479.4
57.5°	386.7	408.0	428.6	450.0	470.2	489.0	507.4	524.4	539.0	551.4	561.5
55°	437.0	463.0	487.5	514.7	541.1	565.1	587.3	610.0	630.4	648.5	662.8
52.5°	491.2	525.0	557.4	589.4	623.6	654.4	682.1	713.6	741.5	764.5	782.5
50°	555.9	595.6	638.4	678.1	721.2	763.7	802.8	840.8	877.8	909.9	935.9
47.5°	629.5	678.4	731.5	784.0	837.5	895.6	947.4	995.5	1047.4	1092.5	1128.6
45°	711.4	773.7	837.8	911.6	979.6	1054.2	1123.3	1185.3	1258.9	1323.7	1375.8
42.5°	802.2	885.3	969.5	1062.5	1152.7	1247.4	1348.1	1437.3	1534.9	1627.9	1703.1
40°	914.8	1014.2	1126.9	1239.5	1368.9	1490.6	1637.1	1770.3	1891.3	2002.2	2093.1
37.5°	1039.9	1167.8	1309.5	1456.1	1633.3	1806.9	1978.4	2140.4	2283.4	2404.8	2506.6
35°	1182.0	1344.4	1516.1	1730.1	1937.6	2145.6	2339.4	2516.4	2671.9	2808.9	2925.4
32.5°	1345.4	1540.4	1780.7	2021.1	2257.8	2486.8	2699.6	2892.6	3063.2	3216.9	3350.9
30°	1517.2	1783.2	2052.9	2316.6	2575.2	2826.0	3059.5	3272.2	3464.9	3636.1	3790.4
27.5°	1735.4	2030.2	2324.4	2608.6	2893.1	3167.7	3420.7	3656.9	3878.1	4071.5	4247.9
25°	1946.5	2272.3	2584.9	2894.9	3204.6	3499.3	3782.2	4049.0	4302.3	4524.4	4721.3
22.5°	2157.6	2498.5	2832.6	3165.9	3498.6	3827.2	4144.9	4450.6	4733.8	4986.7	5208.4
20°	2353.1	2709.5	3066.8	3426.1	3786.7	4146.4	4503.1	4847.2	5162.7	5454.7	5711.3
17.5°	2528.4	2907.4	3286.2	3670.5	4061.5	4451.9	4848.3	5234.0	5594.7	5926.9	6224.6
15°	2683.6	3079.1	3485.9	3900.7	4320.4	4744.5	5177.0	5608.5	6014.6	6391.9	6724.2
12.5°	2819.3	3230.5	3656.9	4097.5	4553.1	5015.1	5487.1	5960.1	6409.7	6845.3	7204.1
10°	2931.3	3359.3	3804.9	4267.9	4748.4	5245.6	5752.0	6261.2	6756.4	7218.5	7628.9
7.5°	3017.8	3461.8	3921.0	4402.6	4906.7	5431.0	5967.4	6507.7	7036.2	7534.2	7988.1
5°	3078.8	3536.4	4001.4	4502.3	5023.9	5567.3	6124.8	6687.9	7240.4	7763.9	8234.5
2.5°	3114.2	3581.2	4048.2	4562.9	5093.6	5649.8	6222.4	6794.7	7361.8	7904.8	8388.4
0°	3123.6	3594.7	4075.0	4569.4	5115.6	5688.3	6240.5	6814.6	7403.9	7939.5	8421.2
-2.5°	3114.2	3581.2	4048.2	4562.9	5093.6	5649.8	6222.4	6794.7	7361.8	7904.8	8388.4
-5°	3078.8	3536.4	4001.4	4502.3	5023.9	5567.3	6124.8	6687.9	7240.4	7763.9	8234.5
-7.5°	3017.8	3461.8	3921.0	4402.6	4906.7	5431.0	5967.4	6507.7	7036.2	7534.2	7988.1
-10°	2931.3	3359.3	3804.9	4267.9	4748.4	5245.6	5752.0	6261.2	6756.4	7218.5	7628.9
-12.5°	2819.3	3230.5	3656.9	4097.5	4553.1	5015.1	5487.1	5960.1	6409.7	6845.3	7204.1
-15°	2683.6	3079.1	3485.9	3900.7	4320.4	4744.5	5177.0	5608.5	6014.6	6391.9	6724.2
-17.5°	2528.4	2907.4	3286.2	3670.5	4061.5	4451.9	4848.3	5234.0	5594.7	5926.9	6224.6
-20°	2353.1	2709.5	3066.8	3426.1	3786.7	4146.4	4503.1	4847.2	5162.7	5454.7	5711.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626863 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2157.6	2498.5	2832.6	3165.9	3498.6	3827.2	4144.9	4450.6	4733.8	4986.7	5208.4
-25°	1946.5	2272.3	2584.9	2894.9	3204.6	3499.3	3782.2	4049.0	4302.3	4524.4	4721.3
-27.5°	1735.4	2030.2	2324.4	2608.6	2893.1	3167.7	3420.7	3656.9	3878.1	4071.5	4247.9
-30°	1517.2	1783.2	2052.9	2316.6	2575.2	2826.0	3059.5	3272.2	3464.9	3636.1	3790.4
-32.5°	1345.4	1540.4	1780.7	2021.1	2257.8	2486.8	2699.6	2892.6	3063.2	3216.9	3350.9
-35°	1182.0	1344.4	1516.1	1730.1	1937.6	2145.6	2339.4	2516.4	2671.9	2808.9	2925.4
-37.5°	1039.9	1167.8	1309.5	1456.1	1633.3	1806.9	1978.4	2140.4	2283.4	2404.8	2506.6
-40°	914.8	1014.2	1126.9	1239.5	1368.9	1490.6	1637.1	1770.3	1891.3	2002.2	2093.1
-42.5°	802.2	885.3	969.5	1062.5	1152.7	1247.4	1348.1	1437.3	1534.9	1627.9	1703.1
-45°	711.4	773.7	837.8	911.6	979.6	1054.2	1123.3	1185.3	1258.9	1323.7	1375.8
-47.5°	629.5	678.4	731.5	784.0	837.5	895.6	947.4	995.5	1047.4	1092.5	1128.6
-50°	555.9	595.6	638.4	678.1	721.2	763.7	802.8	840.8	877.8	909.9	935.9
-52.5°	491.2	525.0	557.4	589.4	623.6	654.4	682.1	713.6	741.5	764.5	782.5
-55°	437.0	463.0	487.5	514.7	541.1	565.1	587.3	610.0	630.4	648.5	662.8
-57.5°	386.7	408.0	428.6	450.0	470.2	489.0	507.4	524.4	539.0	551.4	561.5
-60°	340.4	357.9	376.0	392.9	408.5	422.9	437.8	451.0	462.5	472.2	479.4
-62.5°	297.0	313.0	326.3	339.5	353.2	366.4	374.7	383.0	391.2	398.9	405.4
-65°	251.9	265.0	276.7	286.6	294.9	304.5	313.0	319.4	324.0	327.5	330.4
-67.5°	213.5	222.3	230.8	238.2	245.8	253.0	259.4	264.6	268.9	271.6	273.2
-70°	179.4	186.8	194.0	200.7	207.2	212.3	216.3	219.8	222.7	223.2	222.9
-72.5°	148.7	155.8	162.6	169.1	174.8	178.6	181.1	183.1	184.7	179.7	172.5
-75°	120.7	127.5	133.8	139.6	145.0	147.9	149.6	150.9	152.0	143.2	131.6
-77.5°	96.2	101.9	106.4	110.8	115.2	116.9	117.6	118.2	118.6	109.8	99.0
-80°	69.2	73.5	77.1	80.5	83.8	84.6	84.6	84.1	83.2	76.1	68.1
-82.5°	44.0	46.0	47.8	49.6	51.4	52.6	53.5	54.2	54.6	49.4	43.6
-85°	21.6	22.1	22.4	22.5	22.5	23.2	23.9	24.5	25.1	22.7	20.1
-87.5°	4.9	4.8	4.6	4.5	4.3	4.2	4.1	4.0	3.9	3.6	3.3
-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: P626863 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-WR-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°	3.0	2.7	2.3	2.0	2.3	2.7	3.0	3.3	3.6	3.9	4.0
85°	17.4	14.5	14.3	14.0	14.3	14.5	17.4	20.1	22.7	25.1	24.5
82.5°	37.5	31.1	30.2	29.2	30.2	31.1	37.5	43.6	49.4	54.6	54.2
80°	59.8	51.2	49.5	47.8	49.5	51.2	59.8	68.1	76.1	83.2	84.1
77.5°	87.7	75.8	72.4	69.1	72.4	75.8	87.7	99.0	109.8	118.6	118.2
75°	119.6	107.2	103.0	99.0	103.0	107.2	119.6	131.6	143.2	152.0	150.9
72.5°	165.1	157.5	149.9	141.5	149.9	157.5	165.1	172.5	179.7	184.7	183.1
70°	222.7	222.2	220.3	217.3	220.3	222.2	222.7	222.9	223.2	222.7	219.8
67.5°	273.9	273.6	274.3	274.4	274.3	273.6	273.9	273.2	271.6	268.9	264.6
65°	332.3	332.9	334.3	334.9	334.3	332.9	332.3	330.4	327.5	324.0	319.4
62.5°	410.4	413.8	415.5	415.3	415.5	413.8	410.4	405.4	398.9	391.2	383.0
60°	484.7	488.3	490.5	491.0	490.5	488.3	484.7	479.4	472.2	462.5	451.0
57.5°	569.5	575.3	578.3	578.7	578.3	575.3	569.5	561.5	551.4	539.0	524.4
55°	673.7	681.3	684.8	684.4	684.8	681.3	673.7	662.8	648.5	630.4	610.0
52.5°	796.1	805.4	812.4	816.6	812.4	805.4	796.1	782.5	764.5	741.5	713.6
50°	955.4	968.8	977.3	980.7	977.3	968.8	955.4	935.9	909.9	877.8	840.8
47.5°	1154.7	1172.5	1185.6	1194.7	1185.6	1172.5	1154.7	1128.6	1092.5	1047.4	995.5
45°	1414.4	1441.4	1459.7	1470.4	1459.7	1441.4	1414.4	1375.8	1323.7	1258.9	1185.3
42.5°	1761.8	1803.7	1829.4	1839.2	1829.4	1803.7	1761.8	1703.1	1627.9	1534.9	1437.3
40°	2164.9	2215.2	2248.3	2271.1	2248.3	2215.2	2164.9	2093.1	2002.2	1891.3	1770.3
37.5°	2584.8	2637.7	2669.8	2691.7	2669.8	2637.7	2584.8	2506.6	2404.8	2283.4	2140.4
35°	3013.2	3068.5	3098.7	3115.6	3098.7	3068.5	3013.2	2925.4	2808.9	2671.9	2516.4
32.5°	3453.0	3514.0	3546.8	3580.7	3546.8	3514.0	3453.0	3350.9	3216.9	3063.2	2892.6
30°	3912.3	3982.3	4016.6	4033.2	4016.6	3982.3	3912.3	3790.4	3636.1	3464.9	3272.2
27.5°	4390.3	4477.6	4520.5	4548.8	4520.5	4477.6	4390.3	4247.9	4071.5	3878.1	3656.9
25°	4887.7	4995.7	5044.9	5089.0	5044.9	4995.7	4887.7	4721.3	4524.4	4302.3	4049.0
22.5°	5403.6	5538.2	5595.2	5626.5	5595.2	5538.2	5403.6	5208.4	4986.7	4733.8	4450.6
20°	5933.1	6093.9	6173.1	6213.9	6173.1	6093.9	5933.1	5711.3	5454.7	5162.7	4847.2
17.5°	6474.5	6674.6	6777.1	6800.6	6777.1	6674.6	6474.5	6224.6	5926.9	5594.7	5234.0
15°	7006.0	7222.5	7343.6	7388.0	7343.6	7222.5	7006.0	6724.2	6391.9	6014.6	5608.5
12.5°	7509.4	7733.7	7878.5	7904.3	7878.5	7733.7	7509.4	7204.1	6845.3	6409.7	5960.1
10°	7965.9	8198.3	8358.2	8394.6	8358.2	8198.3	7965.9	7628.9	7218.5	6756.4	6261.2
7.5°	8347.6	8602.5	8779.1	8809.9	8779.1	8602.5	8347.6	7988.1	7534.2	7036.2	6507.7
5°	8626.9	8929.5	9074.5	9110.9	9074.5	8929.5	8626.9	8234.5	7763.9	7240.4	6687.9
2.5°	8780.0	9088.1	9289.6	9266.4	9289.6	9088.1	8780.0	8388.4	7904.8	7361.8	6794.7
0°	8797.3	9119.5	9312.2	9401.2	9312.2	9119.5	8797.3	8421.2	7939.5	7403.9	6814.6
-2.5°	8780.0	9088.1	9289.6	9266.4	9289.6	9088.1	8780.0	8388.4	7904.8	7361.8	6794.7
-5°	8626.9	8929.5	9074.5	9110.9	9074.5	8929.5	8626.9	8234.5	7763.9	7240.4	6687.9
-7.5°	8347.6	8602.5	8779.1	8809.9	8779.1	8602.5	8347.6	7988.1	7534.2	7036.2	6507.7
-10°	7965.9	8198.3	8358.2	8394.6	8358.2	8198.3	7965.9	7628.9	7218.5	6756.4	6261.2
-12.5°	7509.4	7733.7	7878.5	7904.3	7878.5	7733.7	7509.4	7204.1	6845.3	6409.7	5960.1
-15°	7006.0	7222.5	7343.6	7388.0	7343.6	7222.5	7006.0	6724.2	6391.9	6014.6	5608.5
-17.5°	6474.5	6674.6	6777.1	6800.6	6777.1	6674.6	6474.5	6224.6	5926.9	5594.7	5234.0
-20°	5933.1	6093.9	6173.1	6213.9	6173.1	6093.9	5933.1	5711.3	5454.7	5162.7	4847.2



REPORT NUMBER: P626863 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5403.6	5538.2	5595.2	5626.5	5595.2	5538.2	5403.6	5208.4	4986.7	4733.8	4450.6
-25°	4887.7	4995.7	5044.9	5089.0	5044.9	4995.7	4887.7	4721.3	4524.4	4302.3	4049.0
-27.5°	4390.3	4477.6	4520.5	4548.8	4520.5	4477.6	4390.3	4247.9	4071.5	3878.1	3656.9
-30°	3912.3	3982.3	4016.6	4033.2	4016.6	3982.3	3912.3	3790.4	3636.1	3464.9	3272.2
-32.5°	3453.0	3514.0	3546.8	3580.7	3546.8	3514.0	3453.0	3350.9	3216.9	3063.2	2892.6
-35°	3013.2	3068.5	3098.7	3115.6	3098.7	3068.5	3013.2	2925.4	2808.9	2671.9	2516.4
-37.5°	2584.8	2637.7	2669.8	2691.7	2669.8	2637.7	2584.8	2506.6	2404.8	2283.4	2140.4
-40°	2164.9	2215.2	2248.3	2271.1	2248.3	2215.2	2164.9	2093.1	2002.2	1891.3	1770.3
-42.5°	1761.8	1803.7	1829.4	1839.2	1829.4	1803.7	1761.8	1703.1	1627.9	1534.9	1437.3
-45°	1414.4	1441.4	1459.7	1470.4	1459.7	1441.4	1414.4	1375.8	1323.7	1258.9	1185.3
-47.5°	1154.7	1172.5	1185.6	1194.7	1185.6	1172.5	1154.7	1128.6	1092.5	1047.4	995.5
-50°	955.4	968.8	977.3	980.7	977.3	968.8	955.4	935.9	909.9	877.8	840.8
-52.5°	796.1	805.4	812.4	816.6	812.4	805.4	796.1	782.5	764.5	741.5	713.6
-55°	673.7	681.3	684.8	684.4	684.8	681.3	673.7	662.8	648.5	630.4	610.0
-57.5°	569.5	575.3	578.3	578.7	578.3	575.3	569.5	561.5	551.4	539.0	524.4
-60°	484.7	488.3	490.5	491.0	490.5	488.3	484.7	479.4	472.2	462.5	451.0
-62.5°	410.4	413.8	415.5	415.3	415.5	413.8	410.4	405.4	398.9	391.2	383.0
-65°	332.3	332.9	334.3	334.9	334.3	332.9	332.3	330.4	327.5	324.0	319.4
-67.5°	273.9	273.6	274.3	274.4	274.3	273.6	273.9	273.2	271.6	268.9	264.6
-70°	222.7	222.2	220.3	217.3	220.3	222.2	222.7	222.9	223.2	222.7	219.8
-72.5°	165.1	157.5	149.9	141.5	149.9	157.5	165.1	172.5	179.7	184.7	183.1
-75°	119.6	107.2	103.0	99.0	103.0	107.2	119.6	131.6	143.2	152.0	150.9
-77.5°	87.7	75.8	72.4	69.1	72.4	75.8	87.7	99.0	109.8	118.6	118.2
-80°	59.8	51.2	49.5	47.8	49.5	51.2	59.8	68.1	76.1	83.2	84.1
-82.5°	37.5	31.1	30.2	29.2	30.2	31.1	37.5	43.6	49.4	54.6	54.2
-85°	17.4	14.5	14.3	14.0	14.3	14.5	17.4	20.1	22.7	25.1	24.5
-87.5°	3.0	2.7	2.3	2.0	2.3	2.7	3.0	3.3	3.6	3.9	4.0
-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: P626863 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-WR-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°	4.1	4.2	4.3	4.5	4.6	4.8	4.9	4.8	4.6	4.4	4.2
85°	23.9	23.2	22.5	22.5	22.4	22.1	21.6	19.4	17.3	15.2	13.5
82.5°	53.5	52.6	51.4	49.6	47.8	46.0	44.0	39.3	34.8	30.5	26.9
80°	84.6	84.6	83.8	80.5	77.1	73.5	69.2	61.8	54.6	48.0	43.3
77.5°	117.6	116.9	115.2	110.8	106.4	101.9	96.2	86.6	77.1	67.9	61.9
75°	149.6	147.9	145.0	139.6	133.8	127.5	120.7	112.4	103.0	92.2	84.4
72.5°	181.1	178.6	174.8	169.1	162.6	155.8	148.7	140.6	131.3	120.7	112.8
70°	216.3	212.3	207.2	200.7	194.0	186.8	179.4	171.1	161.5	150.9	142.6
67.5°	259.4	253.0	245.8	238.2	230.8	222.3	213.5	204.1	194.3	183.3	172.7
65°	313.0	304.5	294.9	286.6	276.7	265.0	251.9	240.4	229.0	216.6	202.8
62.5°	374.7	366.4	353.2	339.5	326.3	313.0	297.0	280.9	265.4	249.8	233.7
60°	437.8	422.9	408.5	392.9	376.0	357.9	340.4	322.1	302.9	284.1	264.8
57.5°	507.4	489.0	470.2	450.0	428.6	408.0	386.7	363.9	342.2	319.4	296.4
55°	587.3	565.1	541.1	514.7	487.5	463.0	437.0	410.8	384.4	355.8	330.4
52.5°	682.1	654.4	623.6	589.4	557.4	525.0	491.2	461.5	429.2	397.4	365.7
50°	802.8	763.7	721.2	678.1	638.4	595.6	555.9	516.9	477.8	440.9	404.0
47.5°	947.4	895.6	837.5	784.0	731.5	678.4	629.5	577.9	533.1	486.7	445.7
45°	1123.3	1054.2	979.6	911.6	837.8	773.7	711.4	652.1	593.2	540.8	488.5
42.5°	1348.1	1247.4	1152.7	1062.5	969.5	885.3	802.2	731.9	662.8	597.9	539.0
40°	1637.1	1490.6	1368.9	1239.5	1126.9	1014.2	914.8	817.4	738.9	662.0	590.1
37.5°	1978.4	1806.9	1633.3	1456.1	1309.5	1167.8	1039.9	925.3	818.4	731.0	648.1
35°	2339.4	2145.6	1937.6	1730.1	1516.1	1344.4	1182.0	1040.7	916.0	803.3	707.7
32.5°	2699.6	2486.8	2257.8	2021.1	1780.7	1540.4	1345.4	1170.3	1014.3	886.0	772.9
30°	3059.5	2826.0	2575.2	2316.6	2052.9	1783.2	1517.2	1312.7	1129.6	968.6	838.5
27.5°	3420.7	3167.7	2893.1	2608.6	2324.4	2030.2	1735.4	1459.5	1245.7	1063.7	910.4
25°	3782.2	3499.3	3204.6	2894.9	2584.9	2272.3	1946.5	1639.0	1375.8	1158.9	976.7
22.5°	4144.9	3827.2	3498.6	3165.9	2832.6	2498.5	2157.6	1814.7	1499.1	1255.8	1054.4
20°	4503.1	4146.4	3786.7	3426.1	3066.8	2709.5	2353.1	1987.1	1644.2	1356.0	1126.9
17.5°	4848.3	4451.9	4061.5	3670.5	3286.2	2907.4	2528.4	2146.2	1773.7	1445.2	1190.8
15°	5177.0	4744.5	4320.4	3900.7	3485.9	3079.1	2683.6	2285.8	1891.4	1538.3	1261.0
12.5°	5487.1	5015.1	4553.1	4097.5	3656.9	3230.5	2819.3	2408.4	2002.3	1628.9	1323.5
10°	5752.0	5245.6	4748.4	4267.9	3804.9	3359.3	2931.3	2512.1	2097.4	1704.4	1374.6
7.5°	5967.4	5431.0	4906.7	4402.6	3921.0	3461.8	3017.8	2591.7	2172.7	1763.3	1414.1
5°	6124.8	5567.3	5023.9	4502.3	4001.4	3536.4	3078.8	2646.1	2227.2	1805.3	1441.7
2.5°	6222.4	5649.8	5093.6	4562.9	4048.2	3581.2	3114.2	2679.0	2258.3	1828.3	1459.0
0°	6240.5	5688.3	5115.6	4569.4	4075.0	3594.7	3123.6	2691.0	2266.4	1833.2	1464.4
-2.5°	6222.4	5649.8	5093.6	4562.9	4048.2	3581.2	3114.2	2679.0	2258.3	1828.3	1459.0
-5°	6124.8	5567.3	5023.9	4502.3	4001.4	3536.4	3078.8	2646.1	2227.2	1805.3	1441.7
-7.5°	5967.4	5431.0	4906.7	4402.6	3921.0	3461.8	3017.8	2591.7	2172.7	1763.3	1414.1
-10°	5752.0	5245.6	4748.4	4267.9	3804.9	3359.3	2931.3	2512.1	2097.4	1704.4	1374.6
-12.5°	5487.1	5015.1	4553.1	4097.5	3656.9	3230.5	2819.3	2408.4	2002.3	1628.9	1323.5
-15°	5177.0	4744.5	4320.4	3900.7	3485.9	3079.1	2683.6	2285.8	1891.4	1538.3	1261.0
-17.5°	4848.3	4451.9	4061.5	3670.5	3286.2	2907.4	2528.4	2146.2	1773.7	1445.2	1190.8
-20°	4503.1	4146.4	3786.7	3426.1	3066.8	2709.5	2353.1	1987.1	1644.2	1356.0	1126.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626863 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4144.9	3827.2	3498.6	3165.9	2832.6	2498.5	2157.6	1814.7	1499.1	1255.8	1054.4
-25°	3782.2	3499.3	3204.6	2894.9	2584.9	2272.3	1946.5	1639.0	1375.8	1158.9	976.7
-27.5°	3420.7	3167.7	2893.1	2608.6	2324.4	2030.2	1735.4	1459.5	1245.7	1063.7	910.4
-30°	3059.5	2826.0	2575.2	2316.6	2052.9	1783.2	1517.2	1312.7	1129.6	968.6	838.5
-32.5°	2699.6	2486.8	2257.8	2021.1	1780.7	1540.4	1345.4	1170.3	1014.3	886.0	772.9
-35°	2339.4	2145.6	1937.6	1730.1	1516.1	1344.4	1182.0	1040.7	916.0	803.3	707.7
-37.5°	1978.4	1806.9	1633.3	1456.1	1309.5	1167.8	1039.9	925.3	818.4	731.0	648.1
-40°	1637.1	1490.6	1368.9	1239.5	1126.9	1014.2	914.8	817.4	738.9	662.0	590.1
-42.5°	1348.1	1247.4	1152.7	1062.5	969.5	885.3	802.2	731.9	662.8	597.9	539.0
-45°	1123.3	1054.2	979.6	911.6	837.8	773.7	711.4	652.1	593.2	540.8	488.5
-47.5°	947.4	895.6	837.5	784.0	731.5	678.4	629.5	577.9	533.1	486.7	445.7
-50°	802.8	763.7	721.2	678.1	638.4	595.6	555.9	516.9	477.8	440.9	404.0
-52.5°	682.1	654.4	623.6	589.4	557.4	525.0	491.2	461.5	429.2	397.4	365.7
-55°	587.3	565.1	541.1	514.7	487.5	463.0	437.0	410.8	384.4	355.8	330.4
-57.5°	507.4	489.0	470.2	450.0	428.6	408.0	386.7	363.9	342.2	319.4	296.4
-60°	437.8	422.9	408.5	392.9	376.0	357.9	340.4	322.1	302.9	284.1	264.8
-62.5°	374.7	366.4	353.2	339.5	326.3	313.0	297.0	280.9	265.4	249.8	233.7
-65°	313.0	304.5	294.9	286.6	276.7	265.0	251.9	240.4	229.0	216.6	202.8
-67.5°	259.4	253.0	245.8	238.2	230.8	222.3	213.5	204.1	194.3	183.3	172.7
-70°	216.3	212.3	207.2	200.7	194.0	186.8	179.4	171.1	161.5	150.9	142.6
-72.5°	181.1	178.6	174.8	169.1	162.6	155.8	148.7	140.6	131.3	120.7	112.8
-75°	149.6	147.9	145.0	139.6	133.8	127.5	120.7	112.4	103.0	92.2	84.4
-77.5°	117.6	116.9	115.2	110.8	106.4	101.9	96.2	86.6	77.1	67.9	61.9
-80°	84.6	84.6	83.8	80.5	77.1	73.5	69.2	61.8	54.6	48.0	43.3
-82.5°	53.5	52.6	51.4	49.6	47.8	46.0	44.0	39.3	34.8	30.5	26.9
-85°	23.9	23.2	22.5	22.5	22.4	22.1	21.6	19.4	17.3	15.2	13.5
-87.5°	4.1	4.2	4.3	4.5	4.6	4.8	4.9	4.8	4.6	4.4	4.2
-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: P626863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-WR-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°	4.7	5.1	5.5	5.7	5.9	6.0	6.0	5.9	5.7	5.4	5.0
85°	14.1	14.4	14.3	13.9	13.0	12.0	12.0	11.8	11.4	10.7	9.9
82.5°	27.9	28.8	29.3	29.1	27.3	25.4	23.4	21.3	19.0	16.4	14.9
80°	44.9	45.9	46.2	45.5	42.3	38.8	35.9	32.8	29.8	26.4	22.5
77.5°	63.3	64.0	64.2	63.0	58.9	54.5	49.8	44.8	40.6	36.3	31.6
75°	82.9	83.2	83.0	80.9	75.9	70.2	64.5	58.3	52.0	46.3	40.6
72.5°	108.5	105.1	102.4	99.0	93.4	87.0	79.7	71.5	63.6	56.3	49.4
70°	135.3	127.9	122.2	116.9	110.8	104.0	95.9	85.6	75.0	66.1	57.7
67.5°	163.2	154.1	144.9	135.3	127.7	120.1	111.8	99.4	86.8	75.7	65.9
65°	190.4	179.1	168.7	156.2	145.3	135.9	126.6	112.5	98.2	85.2	73.9
62.5°	217.7	202.6	189.5	176.1	162.9	151.3	140.8	124.8	109.0	94.3	81.5
60°	245.9	228.1	210.4	194.8	179.9	165.9	152.8	136.6	119.6	103.0	88.7
57.5°	275.0	253.7	233.4	213.9	196.6	180.5	164.3	147.5	129.8	111.8	95.1
55°	304.5	280.4	256.5	234.2	213.7	195.3	176.3	158.0	139.5	120.5	100.3
52.5°	336.0	307.8	280.9	254.9	231.3	209.7	189.0	168.2	148.8	128.7	105.9
50°	369.5	336.9	306.2	277.1	248.9	224.8	201.5	179.4	157.9	136.7	111.2
47.5°	404.6	367.7	332.8	299.4	268.8	239.4	214.5	190.4	166.7	144.6	116.0
45°	443.4	399.4	360.1	323.5	287.9	256.0	227.3	201.1	176.2	150.2	120.3
42.5°	482.3	433.7	388.4	346.8	308.8	272.8	239.7	212.1	185.4	155.3	124.5
40°	527.1	468.7	416.9	371.8	329.3	288.8	253.9	222.7	194.0	160.4	128.6
37.5°	570.9	506.4	448.0	395.6	349.6	306.8	267.6	232.8	200.8	166.0	132.3
35°	622.4	545.2	477.7	420.9	370.4	324.0	280.5	243.1	208.1	171.4	135.6
32.5°	672.4	584.8	511.0	446.7	390.1	340.2	294.2	253.7	215.7	176.6	138.5
30°	727.4	627.8	542.4	470.9	409.7	357.0	308.0	263.7	223.3	181.4	141.3
27.5°	780.3	667.5	573.0	496.6	430.3	372.6	320.7	273.1	230.9	186.4	144.8
25°	832.6	710.3	606.7	521.0	449.3	386.8	332.5	281.8	238.4	192.1	148.0
22.5°	889.4	751.8	637.1	543.0	466.5	399.8	343.6	291.3	245.2	197.4	150.7
20°	941.7	789.2	664.2	564.0	483.5	413.8	354.1	299.9	251.4	202.5	153.1
17.5°	990.9	827.3	694.5	586.7	499.7	426.2	363.3	307.4	256.9	207.1	155.0
15°	1042.7	865.2	721.7	606.4	513.6	436.9	371.2	313.8	261.5	211.3	156.7
12.5°	1086.8	897.1	744.6	622.9	525.4	445.8	377.8	319.2	265.5	214.8	158.3
10°	1123.2	923.1	763.1	636.3	534.8	453.0	383.1	323.5	268.7	217.6	159.2
7.5°	1151.6	943.0	777.0	646.4	542.0	458.6	387.4	326.9	271.3	219.5	159.4
5°	1171.4	956.8	787.3	653.5	547.6	462.6	390.6	329.2	273.0	220.6	158.9
2.5°	1181.8	964.6	793.5	657.3	550.7	464.8	392.3	330.3	273.9	220.7	157.8
0°	1183.4	966.1	795.3	657.8	551.5	465.1	392.7	330.2	273.8	219.9	156.1
-2.5°	1181.8	964.6	793.5	657.3	550.7	464.8	392.3	330.3	273.9	220.7	157.8
-5°	1171.4	956.8	787.3	653.5	547.6	462.6	390.6	329.2	273.0	220.6	158.9
-7.5°	1151.6	943.0	777.0	646.4	542.0	458.6	387.4	326.9	271.3	219.5	159.4
-10°	1123.2	923.1	763.1	636.3	534.8	453.0	383.1	323.5	268.7	217.6	159.2
-12.5°	1086.8	897.1	744.6	622.9	525.4	445.8	377.8	319.2	265.5	214.8	158.3
-15°	1042.7	865.2	721.7	606.4	513.6	436.9	371.2	313.8	261.5	211.3	156.7
-17.5°	990.9	827.3	694.5	586.7	499.7	426.2	363.3	307.4	256.9	207.1	155.0
-20°	941.7	789.2	664.2	564.0	483.5	413.8	354.1	299.9	251.4	202.5	153.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626863 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	889.4	751.8	637.1	543.0	466.5	399.8	343.6	291.3	245.2	197.4	150.7
-25°	832.6	710.3	606.7	521.0	449.3	386.8	332.5	281.8	238.4	192.1	148.0
-27.5°	780.3	667.5	573.0	496.6	430.3	372.6	320.7	273.1	230.9	186.4	144.8
-30°	727.4	627.8	542.4	470.9	409.7	357.0	308.0	263.7	223.3	181.4	141.3
-32.5°	672.4	584.8	511.0	446.7	390.1	340.2	294.2	253.7	215.7	176.6	138.5
-35°	622.4	545.2	477.7	420.9	370.4	324.0	280.5	243.1	208.1	171.4	135.6
-37.5°	570.9	506.4	448.0	395.6	349.6	306.8	267.6	232.8	200.8	166.0	132.3
-40°	527.1	468.7	416.9	371.8	329.3	288.8	253.9	222.7	194.0	160.4	128.6
-42.5°	482.3	433.7	388.4	346.8	308.8	272.8	239.7	212.1	185.4	155.3	124.5
-45°	443.4	399.4	360.1	323.5	287.9	256.0	227.3	201.1	176.2	150.2	120.3
-47.5°	404.6	367.7	332.8	299.4	268.8	239.4	214.5	190.4	166.7	144.6	116.0
-50°	369.5	336.9	306.2	277.1	248.9	224.8	201.5	179.4	157.9	136.7	111.2
-52.5°	336.0	307.8	280.9	254.9	231.3	209.7	189.0	168.2	148.8	128.7	105.9
-55°	304.5	280.4	256.5	234.2	213.7	195.3	176.3	158.0	139.5	120.5	100.3
-57.5°	275.0	253.7	233.4	213.9	196.6	180.5	164.3	147.5	129.8	111.8	95.1
-60°	245.9	228.1	210.4	194.8	179.9	165.9	152.8	136.6	119.6	103.0	88.7
-62.5°	217.7	202.6	189.5	176.1	162.9	151.3	140.8	124.8	109.0	94.3	81.5
-65°	190.4	179.1	168.7	156.2	145.3	135.9	126.6	112.5	98.2	85.2	73.9
-67.5°	163.2	154.1	144.9	135.3	127.7	120.1	111.8	99.4	86.8	75.7	65.9
-70°	135.3	127.9	122.2	116.9	110.8	104.0	95.9	85.6	75.0	66.1	57.7
-72.5°	108.5	105.1	102.4	99.0	93.4	87.0	79.7	71.5	63.6	56.3	49.4
-75°	82.9	83.2	83.0	80.9	75.9	70.2	64.5	58.3	52.0	46.3	40.6
-77.5°	63.3	64.0	64.2	63.0	58.9	54.5	49.8	44.8	40.6	36.3	31.6
-80°	44.9	45.9	46.2	45.5	42.3	38.8	35.9	32.8	29.8	26.4	22.5
-82.5°	27.9	28.8	29.3	29.1	27.3	25.4	23.4	21.3	19.0	16.4	14.9
-85°	14.1	14.4	14.3	13.9	13.0	12.0	12.0	11.8	11.4	10.7	9.9
-87.5°	4.7	5.1	5.5	5.7	5.9	6.0	6.0	5.9	5.7	5.4	5.0
-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: P626863 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-WR-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°	4.5	3.5	2.6	1.8	1.1	0.5	0.0
85°	8.9	7.0	5.2	3.6	2.2	1.0	0.0
82.5°	13.4	10.4	7.7	5.4	3.3	1.4	0.0
80°	18.1	13.8	10.3	7.1	4.4	1.9	0.0
77.5°	25.9	18.0	12.8	8.9	5.4	2.4	0.0
75°	33.4	23.5	15.5	10.6	6.5	2.8	0.0
72.5°	40.7	28.8	19.2	12.2	7.5	3.3	0.0
70°	47.6	34.0	22.7	14.0	8.5	3.7	0.0
67.5°	53.6	38.9	26.2	16.2	9.4	4.1	0.0
65°	59.3	43.4	29.4	18.3	10.4	4.6	0.0
62.5°	64.7	47.5	32.5	20.2	11.3	5.0	0.0
60°	69.7	51.4	35.3	22.1	12.1	5.4	0.0
57.5°	74.3	55.0	38.0	23.8	13.2	5.7	0.0
55°	78.5	58.3	40.5	25.4	14.2	6.1	0.0
52.5°	82.3	61.4	42.7	26.9	15.2	6.5	0.0
50°	85.8	64.2	44.8	28.2	16.1	6.8	0.0
47.5°	89.1	66.7	46.7	29.4	17.0	7.1	0.0
45°	92.7	68.9	48.3	30.6	17.9	7.4	0.0
42.5°	96.0	70.9	49.7	31.7	18.7	7.7	0.0
40°	98.8	72.5	51.0	32.9	19.4	7.9	0.0
37.5°	101.3	73.9	52.1	34.1	20.1	8.2	0.0
35°	103.3	75.4	53.0	35.1	20.8	8.4	0.0
32.5°	105.1	76.8	53.7	36.1	21.4	8.6	0.0
30°	107.2	77.9	54.2	37.0	21.9	8.8	0.0
27.5°	108.9	78.7	55.4	37.8	22.4	8.9	0.0
25°	110.2	79.2	56.5	38.5	22.8	9.1	0.0
22.5°	111.1	79.8	57.5	39.1	23.2	9.2	0.0
20°	111.6	81.2	58.3	39.6	23.5	9.3	0.0
17.5°	112.9	82.4	59.0	40.0	23.7	9.3	0.0
15°	114.4	83.4	59.6	40.3	23.9	9.4	0.0
12.5°	115.5	84.0	60.0	40.5	24.1	9.4	0.0
10°	116.2	84.5	60.2	40.5	24.1	9.4	0.0
7.5°	116.4	84.6	60.4	40.5	24.2	9.4	0.0
5°	116.3	84.6	60.3	40.4	24.1	9.4	0.0
2.5°	115.8	84.2	60.1	40.2	24.0	9.4	0.0
0°	114.9	83.7	59.8	39.9	23.9	9.3	0.0
-2.5°	115.8	84.2	60.1	40.2	24.0	9.4	0.0
-5°	116.3	84.6	60.3	40.4	24.1	9.4	0.0
-7.5°	116.4	84.6	60.4	40.5	24.2	9.4	0.0
-10°	116.2	84.5	60.2	40.5	24.1	9.4	0.0
-12.5°	115.5	84.0	60.0	40.5	24.1	9.4	0.0
-15°	114.4	83.4	59.6	40.3	23.9	9.4	0.0
-17.5°	112.9	82.4	59.0	40.0	23.7	9.3	0.0
-20°	111.6	81.2	58.3	39.6	23.5	9.3	0.0

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CATALOG NUMBER: GFLD-SA2B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	111.1	79.8	57.5	39.1	23.2	9.2	0.0
-25°	110.2	79.2	56.5	38.5	22.8	9.1	0.0
-27.5°	108.9	78.7	55.4	37.8	22.4	8.9	0.0
-30°	107.2	77.9	54.2	37.0	21.9	8.8	0.0
-32.5°	105.1	76.8	53.7	36.1	21.4	8.6	0.0
-35°	103.3	75.4	53.0	35.1	20.8	8.4	0.0
-37.5°	101.3	73.9	52.1	34.1	20.1	8.2	0.0
-40°	98.8	72.5	51.0	32.9	19.4	7.9	0.0
-42.5°	96.0	70.9	49.7	31.7	18.7	7.7	0.0
-45°	92.7	68.9	48.3	30.6	17.9	7.4	0.0
-47.5°	89.1	66.7	46.7	29.4	17.0	7.1	0.0
-50°	85.8	64.2	44.8	28.2	16.1	6.8	0.0
-52.5°	82.3	61.4	42.7	26.9	15.2	6.5	0.0
-55°	78.5	58.3	40.5	25.4	14.2	6.1	0.0
-57.5°	74.3	55.0	38.0	23.8	13.2	5.7	0.0
-60°	69.7	51.4	35.3	22.1	12.1	5.4	0.0
-62.5°	64.7	47.5	32.5	20.2	11.3	5.0	0.0
-65°	59.3	43.4	29.4	18.3	10.4	4.6	0.0
-67.5°	53.6	38.9	26.2	16.2	9.4	4.1	0.0
-70°	47.6	34.0	22.7	14.0	8.5	3.7	0.0
-72.5°	40.7	28.8	19.2	12.2	7.5	3.3	0.0
-75°	33.4	23.5	15.5	10.6	6.5	2.8	0.0
-77.5°	25.9	18.0	12.8	8.9	5.4	2.4	0.0
-80°	18.1	13.8	10.3	7.1	4.4	1.9	0.0
-82.5°	13.4	10.4	7.7	5.4	3.3	1.4	0.0
-85°	8.9	7.0	5.2	3.6	2.2	1.0	0.0
-87.5°	4.5	3.5	2.6	1.8	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)