

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: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2C-750-U-VWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

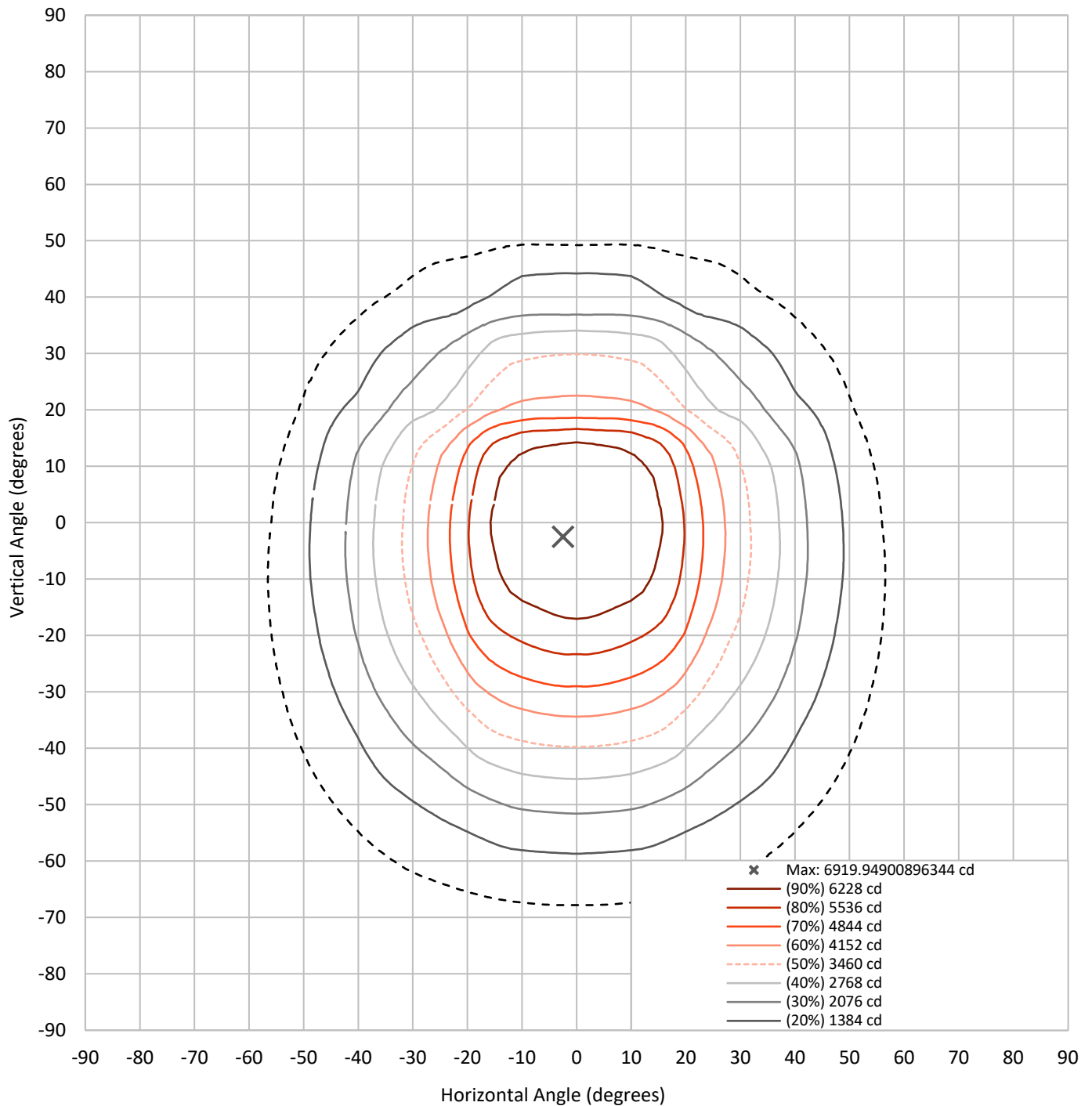
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	9234.9 lumens	Max Intensity:	6919.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	111.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	5343 lumens	Field Lumens:	8763.3 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	82.6		
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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CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

Iso-Candela Plot





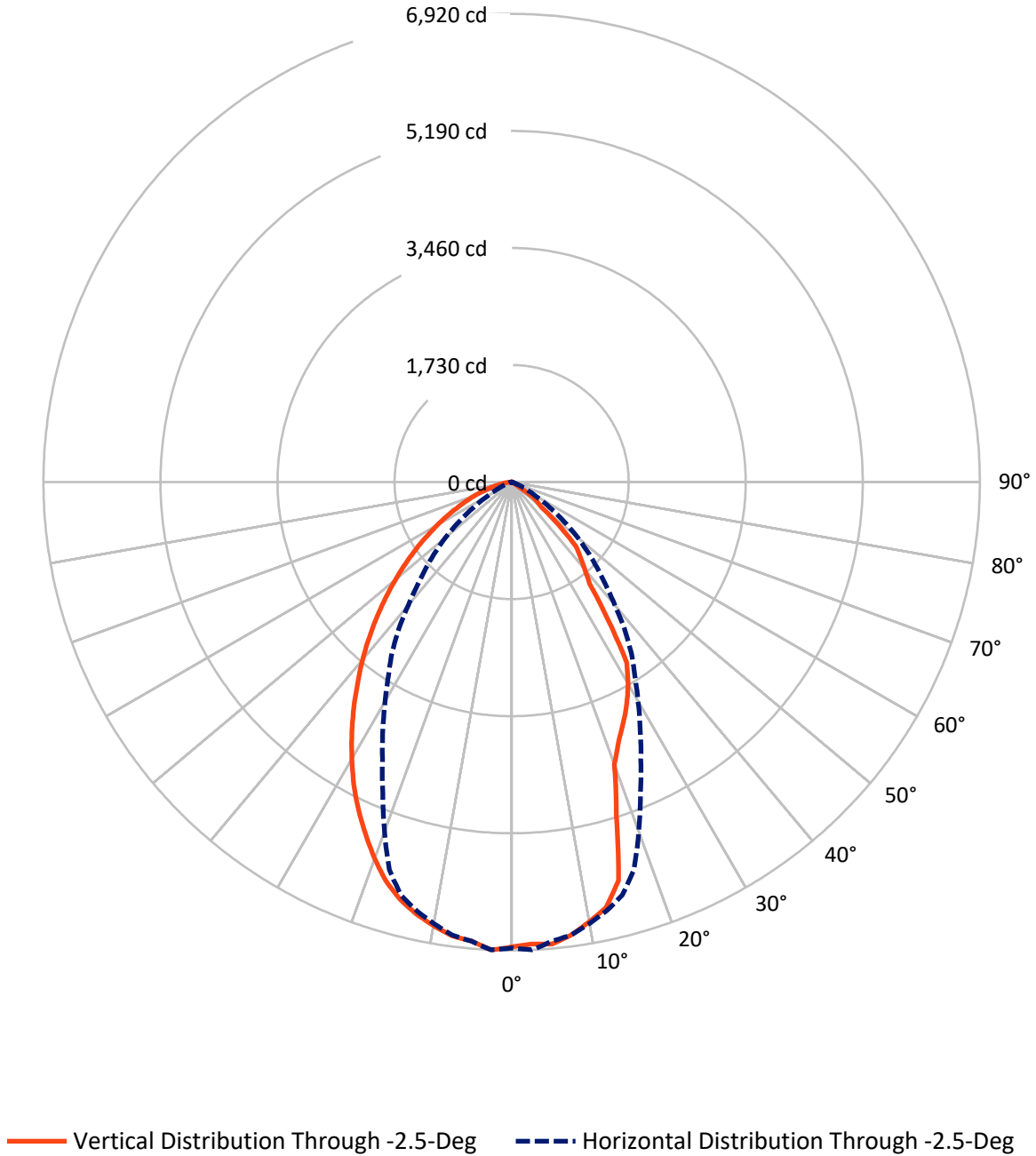
REPORT NUMBER: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0				
70																			
60	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1				
50		0.1	0.2	0.9	2.5	4.9	7.2	9.0	9.0	7.2	4.9	2.5	0.9	0.2		0.1			
40	0.2	0.2	1.0	4.7	11.5	20.6	30.4	37.3	37.3	30.4	20.6	11.5	4.7	1.0	0.2	0.2			
30		0.4	3.4	12.0	26.8	43.4	65.1	76.1	76.1	65.1	43.4	26.8	12.0	3.4	0.4				
20	0.3	1.0	6.6	21.2	43.1	68.4	102.6	117.9	117.9	102.6	68.4	43.1	21.2	6.6	1.0	0.3			
10		1.8	10.2	31.4	62.1	102.2	152.2	174.6	174.6	152.2	102.2	62.1	31.4	10.2	1.8				
0	0.5	2.4	13.2	37.4	74.3	122.2	179.7	204.0	204.0	179.7	122.2	74.3	37.4	13.2	2.4	0.5			
-10		2.8	14.6	38.8	76.3	125.0	181.1	204.7	204.7	181.1	125.0	76.3	38.8	14.6	2.8				
-20	0.6	3.0	14.3	36.7	71.9	117.0	168.1	189.9	189.9	168.1	117.0	71.9	36.7	14.3	3.0	0.6			
-30		2.7	12.5	32.0	62.1	99.5	140.9	159.6	159.6	140.9	99.5	62.1	32.0	12.5	2.7				
-40	0.6	2.3	10.0	25.2	48.9	76.7	107.6	121.8	121.8	107.6	76.7	48.9	25.2	10.0	2.3	0.6			
-50		1.8	7.3	18.0	35.0	54.0	74.5	84.5	84.5	74.5	54.0	35.0	18.0	7.3	1.8				
-60	0.4	1.4	4.8	11.5	21.8	33.5	45.5	51.9	51.9	45.5	33.5	21.8	11.5	4.8	1.4	0.4			
-70		1.0	2.9	6.7	12.0	17.8	23.5	26.7	26.7	23.5	17.8	12.0	6.7	2.9	1.0				
-80	0.2	2.2	10.0	21.7	24.3	21.7	10.0	2.2	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

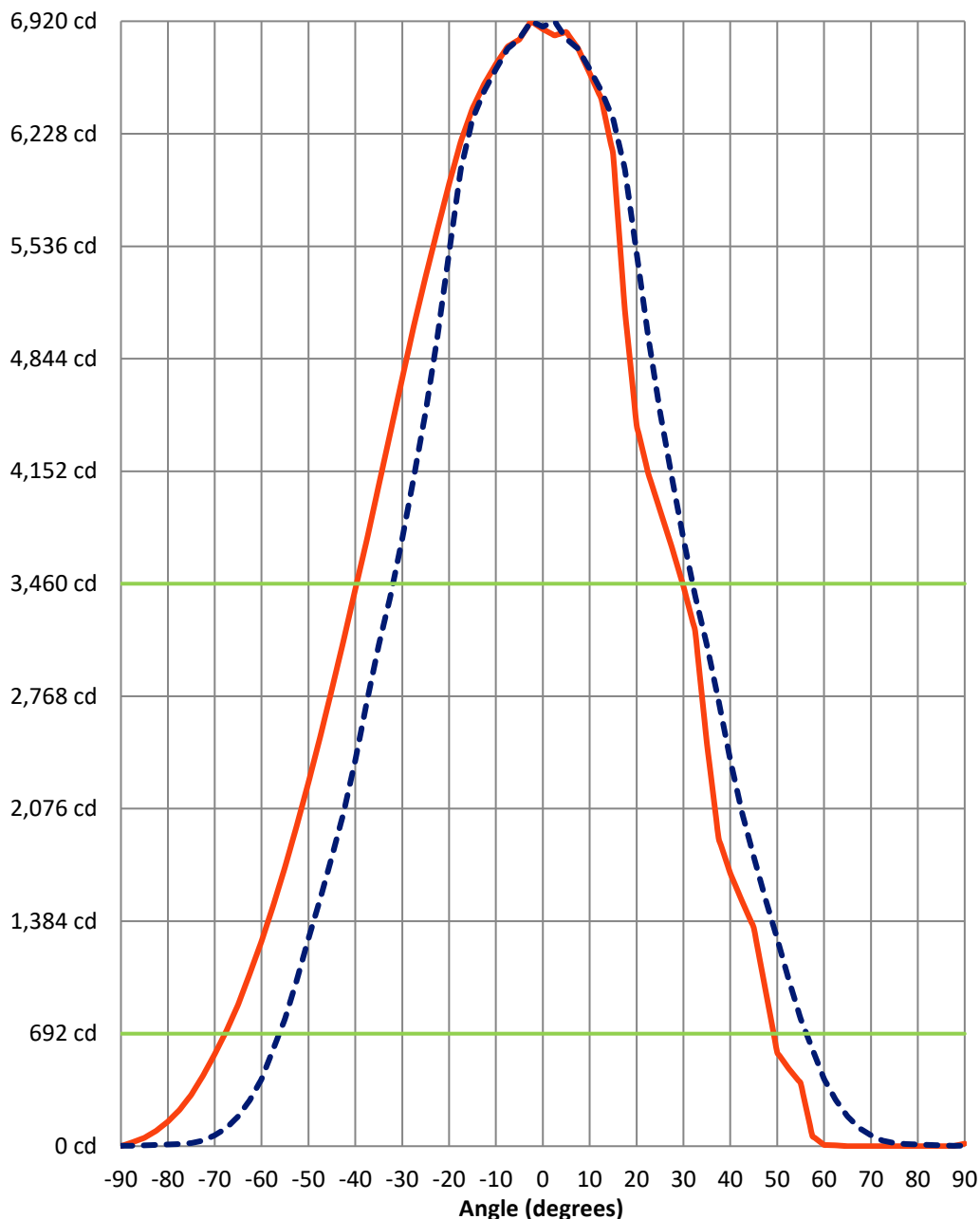
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 5343
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 8763.3
 Efficiency: 94.9%

Spill:
 Lumens: 471.6
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - - Horizontal Distribution through -2.5-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°	2.6	2.6	2.6	3.2	3.9	4.6	5.2	5.8	6.5	7.1	7.7
87.5°	2.6	2.6	2.6	2.5	2.4	2.2	1.9	1.4	0.9	0.4	0.0
85°	2.6	2.6	2.6	2.4	2.2	1.8	1.3	0.8	0.4	0.2	0.0
82.5°	2.6	2.6	2.6	2.4	1.9	1.4	0.6	0.2	0.1	0.4	0.7
80°	2.6	2.6	2.6	2.3	1.7	1.0	0.1	0.5	0.9	1.4	1.8
77.5°	2.6	2.6	2.6	2.2	1.5	0.9	0.8	1.3	1.8	2.3	2.4
75°	2.6	2.6	2.6	2.1	1.4	1.3	1.5	2.0	2.6	2.1	1.4
72.5°	2.6	2.6	2.6	2.1	1.7	1.7	2.1	2.6	2.2	1.5	0.5
70°	2.6	2.6	2.6	2.1	1.9	2.1	2.6	2.5	1.9	1.0	1.2
67.5°	2.6	2.6	2.6	2.2	2.1	2.4	2.7	2.4	1.7	2.0	2.3
65°	2.6	2.6	2.6	2.3	2.3	2.7	2.8	2.4	2.6	3.0	3.2
62.5°	2.6	2.6	2.6	2.3	2.4	2.9	2.9	2.9	3.5	3.9	3.6
60°	2.6	2.6	2.6	2.4	2.6	3.1	3.1	3.7	4.4	4.5	4.0
57.5°	2.6	2.6	2.6	2.5	2.8	3.4	3.7	4.5	5.1	5.2	5.1
55°	2.6	2.6	2.7	2.5	3.1	3.6	4.3	5.3	5.9	6.0	6.3
52.5°	2.6	2.6	2.7	2.6	3.4	4.0	5.0	6.0	6.7	7.1	7.5
50°	2.6	2.6	2.8	2.6	3.7	4.5	5.6	6.7	7.6	8.2	8.7
47.5°	2.6	2.6	2.8	2.7	4.0	5.0	6.2	7.4	8.6	9.3	9.9
45°	2.6	2.6	2.9	2.9	4.3	5.5	6.8	8.1	9.5	10.3	11.1
42.5°	2.6	2.6	3.0	3.1	4.6	6.0	7.4	8.9	10.5	11.4	13.5
40°	2.6	2.6	3.1	3.5	5.0	6.5	8.0	9.8	11.5	12.5	16.1
37.5°	2.6	2.6	3.2	3.8	5.3	6.9	8.5	10.7	12.6	14.2	18.8
35°	2.6	2.6	3.3	4.1	5.7	7.4	9.1	11.6	13.7	17.5	23.9
32.5°	2.6	2.6	3.4	4.5	6.0	7.8	9.7	12.6	14.9	21.3	34.1
30°	2.6	2.6	3.5	4.8	6.3	8.2	10.4	13.6	16.1	25.7	44.0
27.5°	2.6	2.6	3.7	5.1	6.7	8.6	11.2	14.6	18.3	30.5	53.6
25°	2.6	2.6	3.8	5.4	7.1	9.0	12.0	15.6	22.0	37.6	63.1
22.5°	2.6	2.6	4.0	5.7	7.5	9.4	12.7	16.7	26.0	45.3	75.5
20°	2.6	2.6	4.1	5.9	7.9	9.8	13.5	17.7	30.1	52.7	87.8
17.5°	2.6	2.6	4.2	6.2	8.2	10.3	14.2	18.7	34.2	59.7	100.0
15°	2.6	2.6	4.4	6.5	8.6	10.7	15.0	20.0	38.4	66.2	111.8
12.5°	2.6	2.6	4.5	6.7	8.9	11.2	15.6	21.8	43.0	72.2	123.1
10°	2.6	2.6	4.7	6.9	9.2	11.6	16.2	23.7	48.0	79.2	134.4
7.5°	2.6	2.6	4.8	7.1	9.5	11.9	16.8	25.6	52.7	86.1	146.3
5°	2.6	2.6	5.0	7.3	9.8	12.3	17.3	27.5	57.0	92.4	157.3
2.5°	2.6	2.6	5.1	7.5	10.1	12.6	17.7	29.3	61.1	98.2	167.2
0°	2.6	2.6	5.2	7.7	10.3	12.9	18.1	31.0	64.6	103.3	175.7
-2.5°	2.6	2.6	5.2	7.7	10.5	13.2	19.1	34.2	67.2	111.5	183.4
-5°	2.6	2.6	5.2	7.7	10.7	13.4	20.0	37.0	69.2	118.6	189.7
-7.5°	2.6	2.6	5.2	7.6	10.9	13.6	20.8	39.6	70.8	124.5	194.6
-10°	2.6	2.6	5.1	7.6	11.0	13.8	21.5	41.7	72.0	128.7	198.2
-12.5°	2.6	2.6	5.1	7.5	11.1	14.0	22.0	43.2	72.9	130.9	201.0
-15°	2.6	2.6	5.0	7.4	11.1	14.2	22.3	44.2	74.4	130.7	202.0
-17.5°	2.6	2.6	5.0	7.4	11.1	14.3	22.4	45.1	76.6	129.4	200.8
-20°	2.6	2.6	4.9	7.2	11.0	14.4	23.0	46.0	78.0	127.0	197.1

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Scaled Data Report



REPORT NUMBER: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.6	2.6	4.8	7.1	10.9	14.4	24.4	46.4	78.7	123.6	190.9
-25°	2.6	2.6	4.7	7.0	10.7	15.4	25.7	46.3	78.4	119.2	181.9
-27.5°	2.6	2.6	4.6	6.8	10.4	16.6	26.6	45.6	77.3	115.5	175.4
-30°	2.6	2.6	4.5	6.7	10.2	17.6	27.3	44.3	75.9	113.8	168.1
-32.5°	2.6	2.6	4.4	6.5	10.5	18.5	27.6	44.4	74.0	111.0	159.8
-35°	2.6	2.6	4.3	6.3	10.8	19.1	28.4	44.6	71.4	106.9	150.6
-37.5°	2.6	2.6	4.1	6.1	11.0	19.5	29.1	44.4	68.1	101.7	146.5
-40°	2.6	2.6	4.0	5.9	11.1	19.7	29.6	43.9	64.1	96.8	141.8
-42.5°	2.6	2.6	3.8	5.8	11.2	19.7	29.7	42.9	61.8	92.7	134.8
-45°	2.6	2.6	3.7	5.9	11.2	19.5	29.5	42.0	60.2	87.8	125.9
-47.5°	2.6	2.6	3.5	5.8	11.2	19.2	29.1	41.3	58.0	81.9	119.0
-50°	2.6	2.6	3.3	5.8	11.0	18.8	28.5	40.3	56.3	79.8	110.7
-52.5°	2.6	2.6	3.2	5.6	10.6	18.2	27.7	38.9	54.9	77.0	101.8
-55°	2.6	2.6	3.0	5.5	10.2	17.5	26.7	37.1	53.0	73.5	97.5
-57.5°	2.6	2.6	2.8	5.3	9.6	16.5	25.5	35.5	50.5	69.8	92.5
-60°	2.6	2.6	2.6	5.0	9.0	15.4	24.1	33.8	47.4	65.4	86.7
-62.5°	2.6	2.6	2.6	4.8	8.5	14.1	22.2	31.5	43.4	60.3	80.0
-65°	2.6	2.6	2.6	4.5	7.9	12.7	20.0	28.5	38.7	53.5	72.3
-67.5°	2.6	2.6	2.6	4.1	7.3	11.4	17.6	25.1	33.2	45.5	62.1
-70°	2.6	2.6	2.6	3.7	6.6	10.3	15.0	21.4	28.4	36.7	50.2
-72.5°	2.6	2.6	2.6	3.6	5.9	9.2	13.2	17.5	23.5	30.5	38.4
-75°	2.6	2.6	2.6	3.6	5.1	8.0	11.5	14.7	18.3	24.0	30.6
-77.5°	2.6	2.6	2.6	3.6	4.9	6.7	9.7	12.4	15.2	18.2	22.4
-80°	2.6	2.6	2.6	3.5	4.7	6.1	7.8	9.9	12.2	14.6	17.3
-82.5°	2.6	2.6	2.6	3.5	4.5	5.7	7.1	8.1	9.2	11.0	13.0
-85°	2.6	2.6	2.6	3.4	4.3	5.3	6.5	7.3	8.2	9.0	9.9
-87.5°	2.6	2.6	2.6	3.3	4.1	5.0	5.8	6.6	7.3	8.1	8.8
-90°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	1.9	1.3	0.6	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°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	8.4	9.0	9.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.8	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.7	1.4	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.5	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.5	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.4	0.7	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1.5	1.6	1.1	0.4	0.0	0.1	0.4	0.3	0.0	0.1	0.3
67.5°	2.4	1.8	1.2	0.7	1.0	1.3	1.2	1.3	1.4	1.5	1.3
65°	2.5	1.9	1.9	2.3	2.6	2.8	3.0	3.2	2.7	2.3	2.4
62.5°	2.7	2.9	3.4	3.8	4.2	4.5	4.5	4.0	3.1	3.8	4.4
60°	3.9	4.2	4.8	5.3	5.8	6.1	5.8	5.8	6.5	7.5	14.5
57.5°	5.2	5.5	6.2	7.0	7.7	7.8	8.0	8.7	20.4	33.4	36.9
55°	6.5	6.8	7.9	9.2	9.9	9.8	14.1	29.8	45.1	62.4	68.8
52.5°	7.8	8.4	10.2	11.8	12.8	19.9	35.9	57.2	79.6	99.6	125.3
50°	9.2	11.0	13.0	15.2	24.3	42.9	66.3	95.4	129.2	161.0	193.7
47.5°	11.5	13.8	16.8	24.1	47.9	73.8	106.1	152.9	194.6	233.2	277.9
45°	14.2	19.1	22.4	47.6	75.3	108.7	163.4	220.6	258.5	310.1	389.3
42.5°	17.0	26.5	42.7	71.9	105.7	159.5	227.3	276.0	326.4	410.1	493.4
40°	24.5	35.5	64.4	99.1	142.0	220.3	290.0	345.2	414.0	506.8	593.7
37.5°	33.6	54.1	86.5	128.2	198.9	284.8	359.4	438.2	517.3	604.8	766.0
35°	43.7	71.4	114.6	170.8	255.8	356.3	445.1	533.2	624.4	796.6	956.7
32.5°	56.8	87.4	143.9	220.3	317.4	427.6	530.8	632.6	778.9	973.8	1134.4
30°	70.9	113.0	177.7	266.2	375.4	493.0	617.0	740.3	933.9	1095.2	1269.5
27.5°	85.7	140.0	217.2	314.1	429.6	554.6	694.6	870.6	1043.2	1202.5	1394.1
25°	100.9	168.2	253.4	359.9	483.0	621.3	782.3	996.7	1131.7	1307.8	1507.6
22.5°	120.4	195.2	289.3	401.4	532.5	689.8	895.2	1110.4	1269.3	1417.4	1612.6
20°	142.9	225.5	328.3	453.4	581.0	756.7	1007.4	1233.7	1420.6	1590.2	1769.5
17.5°	164.0	253.9	370.0	506.6	651.5	842.4	1117.5	1367.9	1573.6	1762.6	1986.5
15°	183.5	280.2	410.8	556.8	720.8	940.7	1216.2	1491.2	1726.2	1938.8	2193.2
12.5°	201.3	304.1	450.2	603.9	786.1	1025.4	1299.1	1567.6	1825.7	2102.8	2391.5
10°	217.4	325.7	487.4	647.3	846.6	1097.0	1367.6	1631.2	1891.7	2184.9	2505.7
7.5°	234.6	345.9	521.1	686.8	901.7	1156.1	1422.3	1682.2	1945.0	2250.6	2579.8
5°	250.6	364.4	547.9	715.1	944.3	1202.3	1463.5	1721.0	1985.4	2299.5	2636.0
2.5°	264.5	380.0	569.8	737.3	975.8	1236.3	1490.2	1753.3	2015.4	2339.3	2678.9
0°	276.4	392.6	586.4	754.3	999.7	1260.6	1506.0	1774.6	2032.9	2366.2	2707.2
-2.5°	284.0	413.3	597.8	784.0	1020.5	1276.5	1520.1	1780.6	2051.8	2374.7	2738.8
-5°	289.3	430.1	604.7	806.9	1034.2	1283.6	1524.7	1776.0	2056.8	2372.6	2743.5
-7.5°	292.5	442.0	608.0	819.9	1039.0	1279.3	1516.9	1767.2	2048.6	2364.4	2723.0
-10°	294.2	445.7	612.3	816.0	1032.7	1265.5	1499.4	1746.7	2025.2	2338.0	2684.0
-12.5°	299.1	443.4	611.6	807.3	1019.1	1244.6	1473.5	1714.2	1986.2	2292.9	2630.1
-15°	300.3	438.0	604.2	794.5	998.3	1217.2	1439.6	1669.7	1938.0	2249.0	2570.5
-17.5°	297.6	430.0	589.9	778.2	970.5	1184.0	1399.6	1629.5	1892.9	2198.4	2507.9
-20°	290.7	419.6	568.3	759.0	937.5	1147.1	1359.6	1587.5	1840.9	2128.1	2437.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	279.3	407.0	544.9	732.1	909.0	1104.8	1312.7	1530.1	1775.9	2037.0	2343.8
-25°	267.6	392.8	526.5	695.1	874.7	1055.4	1258.8	1460.0	1699.4	1955.9	2228.2
-27.5°	256.6	372.9	507.3	654.6	834.4	1002.6	1197.9	1394.1	1613.5	1864.9	2115.5
-30°	242.1	351.4	483.9	615.7	786.1	952.9	1130.0	1323.1	1520.3	1758.9	2005.5
-32.5°	229.3	329.2	457.3	586.0	734.2	897.0	1056.8	1240.8	1433.3	1636.7	1880.4
-35°	220.7	316.0	429.1	551.8	681.2	836.0	988.0	1147.9	1334.4	1525.2	1739.2
-37.5°	213.8	300.8	399.4	516.1	639.3	772.2	914.5	1061.6	1224.2	1416.7	1617.9
-40°	202.9	283.8	377.4	482.1	590.8	711.6	843.7	976.8	1117.8	1305.9	1504.4
-42.5°	188.9	267.3	356.6	445.0	544.4	654.6	772.1	897.5	1033.0	1196.3	1378.7
-45°	178.1	246.2	333.6	412.8	495.0	595.8	706.1	819.7	947.5	1087.7	1251.6
-47.5°	164.5	223.2	303.5	377.4	449.9	536.0	636.8	744.3	857.5	983.8	1118.1
-50°	149.8	204.0	266.6	338.6	407.7	479.2	565.3	664.7	767.4	877.5	997.3
-52.5°	138.7	181.6	238.7	298.7	364.5	429.4	502.6	587.9	679.7	771.7	877.1
-55°	126.2	165.1	212.1	265.9	322.0	382.1	448.7	523.4	598.2	682.7	766.8
-57.5°	117.4	149.2	190.0	236.7	287.1	338.2	401.1	464.2	533.4	603.4	673.2
-60°	110.5	135.5	169.3	210.5	255.4	303.1	354.8	413.1	472.7	529.8	590.1
-62.5°	102.6	124.4	150.8	184.3	224.9	266.5	311.9	361.9	415.8	463.9	510.7
-65°	92.4	111.3	134.0	161.3	193.1	228.3	267.0	309.1	355.7	394.8	433.0
-67.5°	80.7	96.6	115.7	138.0	164.5	191.9	220.3	255.9	293.8	325.6	356.7
-70°	65.9	80.7	96.2	114.4	135.3	158.5	183.5	209.3	235.2	261.2	289.7
-72.5°	50.4	63.9	77.1	90.1	106.6	125.7	146.1	167.7	190.3	212.6	234.2
-75°	38.5	47.1	58.7	70.4	81.9	94.3	108.1	125.4	146.4	167.9	187.7
-77.5°	29.1	36.3	44.0	52.0	59.3	68.5	78.5	89.2	106.5	126.4	146.5
-80°	21.0	25.4	31.5	37.9	43.0	48.1	53.3	58.8	71.6	87.7	104.8
-82.5°	15.5	18.5	21.9	25.7	28.3	30.8	33.6	37.2	46.7	57.6	69.0
-85°	10.7	11.6	13.4	15.5	17.0	18.4	19.9	21.4	26.6	32.4	38.6
-87.5°	9.2	9.6	10.1	10.7	10.9	11.0	11.2	11.4	13.1	15.0	16.9
-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: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	10.3	11.0	11.6	12.3	12.9	13.6	14.2	14.9	15.5	15.5	15.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1.2	1.3	1.4	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.7	2.6	1.9	1.3	0.6	1.0	1.6	1.9	1.9	1.7	1.3
62.5°	4.1	3.8	3.4	4.0	4.7	5.5	5.2	4.9	4.6	4.4	4.6
60°	15.3	10.2	11.8	14.8	13.8	9.4	15.5	17.6	15.0	10.3	9.9
57.5°	38.7	37.4	42.8	62.5	68.8	62.7	74.9	91.0	90.5	78.0	77.5
55°	82.5	110.7	144.7	150.2	173.9	221.3	258.3	242.1	242.0	254.2	293.4
52.5°	156.7	183.3	193.2	219.6	269.1	305.0	328.1	352.0	378.2	404.9	432.0
50°	230.0	255.8	285.1	312.2	380.7	417.5	411.4	460.9	524.2	563.8	584.1
47.5°	337.3	378.0	440.0	537.1	588.2	625.2	671.2	727.2	799.8	898.2	974.0
45°	463.7	527.7	623.6	726.7	806.1	842.3	894.9	981.7	1097.4	1210.0	1292.2
42.5°	567.0	654.8	763.0	861.5	926.3	985.6	1053.8	1127.0	1259.5	1379.8	1474.9
40°	701.8	770.2	891.6	984.5	1042.4	1101.2	1209.2	1318.8	1443.4	1555.5	1633.4
37.5°	872.7	949.7	1075.9	1181.0	1236.8	1257.6	1441.1	1593.6	1694.9	1838.0	1884.9
35°	1056.3	1183.0	1343.8	1480.1	1534.8	1643.9	1833.0	2045.8	2276.4	2361.2	2433.5
32.5°	1261.0	1417.4	1635.6	1781.9	1859.9	2025.5	2264.9	2492.0	2793.6	2957.2	3006.1
30°	1448.4	1627.8	1815.4	1957.5	2090.9	2290.5	2508.7	2788.8	3067.6	3276.9	3341.8
27.5°	1585.9	1784.4	1964.8	2097.8	2248.4	2463.5	2735.6	3019.2	3293.0	3506.4	3582.3
25°	1717.2	1941.5	2084.3	2239.0	2415.8	2650.3	2951.8	3267.0	3536.6	3717.0	3810.0
22.5°	1866.4	2087.6	2240.9	2372.0	2603.2	2873.3	3153.2	3509.4	3794.9	3938.9	4039.8
20°	2020.5	2270.8	2507.5	2629.5	2829.5	3171.6	3484.9	3821.1	4096.9	4246.9	4353.1
17.5°	2235.5	2554.4	2844.8	3017.5	3231.7	3640.7	4031.7	4371.8	4755.4	4890.9	5020.7
15°	2462.2	2831.3	3171.5	3445.0	3721.7	4126.9	4630.3	5040.7	5478.4	5673.9	5895.0
12.5°	2688.1	3037.4	3345.7	3698.5	4088.4	4446.9	4926.1	5437.2	5834.4	6083.8	6232.6
10°	2857.0	3181.5	3478.1	3831.7	4220.9	4626.5	5102.6	5626.5	6042.4	6255.1	6376.6
7.5°	2948.2	3258.7	3571.6	3930.0	4317.5	4749.3	5239.9	5759.7	6184.9	6391.1	6510.9
5°	3015.9	3314.2	3638.1	4015.4	4407.2	4845.1	5335.0	5848.6	6236.3	6455.3	6607.0
2.5°	3056.9	3349.3	3680.5	4070.6	4463.3	4919.4	5433.0	5965.3	6304.6	6480.8	6620.2
0°	3068.8	3363.3	3704.3	4099.5	4502.5	4962.3	5471.1	5998.1	6341.7	6512.2	6654.2
-2.5°	3082.2	3385.4	3735.7	4118.2	4517.7	4976.3	5495.7	6009.2	6318.2	6490.3	6625.4
-5°	3072.9	3387.1	3736.3	4102.7	4504.9	4959.7	5458.4	5938.5	6261.8	6447.8	6582.2
-7.5°	3045.1	3363.7	3709.4	4061.5	4456.0	4916.0	5412.6	5875.0	6202.4	6398.5	6545.6
-10°	3004.6	3314.0	3662.0	4018.6	4408.4	4846.3	5335.3	5794.8	6108.3	6316.5	6487.9
-12.5°	2959.7	3262.7	3598.2	3940.2	4325.8	4758.3	5232.0	5667.0	5978.6	6205.8	6328.2
-15°	2893.3	3196.1	3516.8	3847.7	4223.4	4643.0	5095.5	5512.9	5818.9	6003.7	6139.1
-17.5°	2808.8	3105.9	3409.9	3723.7	4077.8	4490.9	4946.2	5357.8	5607.3	5772.3	5905.4
-20°	2718.2	2993.0	3281.0	3577.2	3920.3	4329.6	4776.7	5135.8	5370.8	5529.4	5655.0



REPORT NUMBER: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2614.8	2879.4	3143.1	3426.2	3762.6	4137.9	4532.8	4879.8	5132.6	5277.0	5393.1
-25°	2496.8	2754.2	3004.6	3278.0	3587.2	3924.5	4291.7	4632.7	4859.0	5012.5	5127.6
-27.5°	2369.7	2611.5	2856.1	3101.6	3379.6	3715.7	4055.8	4372.5	4565.7	4720.4	4836.2
-30°	2242.8	2460.3	2686.6	2919.0	3179.9	3483.0	3801.1	4067.4	4271.2	4421.5	4529.0
-32.5°	2105.3	2311.7	2512.2	2729.4	2975.0	3242.1	3521.3	3774.6	3992.4	4130.1	4220.7
-35°	1964.5	2164.3	2347.7	2544.9	2761.6	2992.1	3249.8	3499.6	3714.7	3823.6	3911.9
-37.5°	1817.7	2017.0	2190.9	2355.6	2542.3	2755.8	3006.8	3245.2	3431.0	3524.6	3604.2
-40°	1690.2	1865.6	2022.2	2179.8	2331.5	2521.1	2755.3	2986.2	3135.2	3226.5	3300.4
-42.5°	1566.3	1714.3	1842.5	1983.8	2135.7	2322.6	2511.6	2705.1	2824.9	2926.2	3004.1
-45°	1422.1	1554.4	1674.6	1792.1	1930.6	2101.2	2272.9	2428.0	2540.2	2638.0	2713.9
-47.5°	1262.6	1390.3	1507.1	1612.1	1740.9	1883.1	2027.7	2156.7	2267.5	2364.3	2431.9
-50°	1113.9	1228.0	1342.1	1448.4	1559.9	1675.0	1792.3	1905.5	2010.7	2104.7	2162.3
-52.5°	980.8	1086.0	1185.7	1278.7	1376.3	1473.5	1570.6	1674.3	1771.1	1860.0	1906.0
-55°	860.3	955.2	1045.1	1123.4	1201.7	1278.9	1362.1	1457.9	1547.0	1629.4	1662.4
-57.5°	752.1	833.3	912.9	979.2	1043.1	1104.4	1177.5	1258.3	1336.3	1406.9	1434.0
-60°	652.6	717.1	783.6	842.4	898.1	950.7	1014.4	1079.5	1142.8	1196.0	1219.0
-62.5°	561.1	616.2	666.6	714.4	761.6	809.0	860.4	912.0	963.1	1004.2	1024.9
-65°	472.9	516.7	557.3	596.5	634.7	674.4	714.7	753.9	791.8	821.1	839.1
-67.5°	390.0	423.4	455.5	486.2	518.1	550.3	581.8	611.8	640.3	662.9	680.1
-70°	316.6	342.4	367.6	392.9	419.6	444.6	468.4	490.8	512.0	528.3	541.5
-72.5°	255.2	276.2	297.9	320.7	342.2	361.0	378.0	394.5	410.2	419.4	426.3
-75°	205.8	223.4	242.3	260.7	278.7	292.9	305.5	317.6	329.2	329.8	327.5
-77.5°	166.2	182.0	196.6	211.1	225.4	234.2	241.9	249.8	257.7	253.1	245.8
-80°	122.0	135.1	147.5	160.0	172.5	177.7	181.3	184.5	187.1	181.1	173.6
-82.5°	81.0	89.2	97.3	105.5	113.8	117.2	119.7	121.7	123.4	117.9	111.6
-85°	45.2	49.1	53.0	57.0	60.9	63.2	65.4	67.3	69.1	65.9	62.2
-87.5°	18.8	19.7	20.6	21.4	22.2	23.1	23.9	24.7	25.4	25.6	25.6
-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: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	14.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.3	1.7	1.9	1.9
62.5°	4.8	5.0	5.1	5.2	5.1	5.0	4.8	4.6	4.4	4.6	4.9
60°	9.1	8.0	7.7	7.7	7.7	8.0	9.1	9.9	10.3	15.0	17.6
57.5°	71.6	61.3	62.8	69.7	62.8	61.3	71.6	77.5	78.0	90.5	91.0
55°	334.7	373.6	387.3	379.7	387.3	373.6	334.7	293.4	254.2	242.0	242.1
52.5°	453.4	469.4	475.5	475.3	475.5	469.4	453.4	432.0	404.9	378.2	352.0
50°	590.3	584.9	576.6	568.3	576.6	584.9	590.3	584.1	563.8	524.2	460.9
47.5°	985.1	968.0	960.8	973.9	960.8	968.0	985.1	974.0	898.2	799.8	727.2
45°	1309.0	1329.1	1344.0	1343.2	1344.0	1329.1	1309.0	1292.2	1210.0	1097.4	981.7
42.5°	1493.5	1504.2	1507.3	1503.4	1507.3	1504.2	1493.5	1474.9	1379.8	1259.5	1127.0
40°	1657.9	1670.6	1677.7	1684.2	1677.7	1670.6	1657.9	1633.4	1555.5	1443.4	1318.8
37.5°	1900.3	1904.9	1894.8	1888.3	1894.8	1904.9	1900.3	1884.9	1838.0	1694.9	1593.6
35°	2494.5	2506.6	2478.4	2508.2	2478.4	2506.6	2494.5	2433.5	2361.2	2276.4	2045.8
32.5°	3064.4	3121.4	3167.5	3205.7	3167.5	3121.4	3064.4	3006.1	2957.2	2793.6	2492.0
30°	3387.2	3424.0	3443.8	3448.5	3443.8	3424.0	3387.2	3341.8	3276.9	3067.6	2788.8
27.5°	3624.2	3662.7	3686.8	3704.3	3686.8	3662.7	3624.2	3582.3	3506.4	3293.0	3019.2
25°	3852.6	3887.9	3911.9	3921.2	3911.9	3887.9	3852.6	3810.0	3717.0	3536.6	3267.0
22.5°	4089.7	4114.2	4137.2	4148.6	4137.2	4114.2	4089.7	4039.8	3938.9	3794.9	3509.4
20°	4429.5	4416.1	4437.2	4430.1	4437.2	4416.1	4429.5	4353.1	4246.9	4096.9	3821.1
17.5°	5122.0	5129.2	5143.2	5166.3	5143.2	5129.2	5122.0	5020.7	4890.9	4755.4	4371.8
15°	5992.9	6010.4	6099.5	6178.9	6099.5	6010.4	5992.9	5895.0	5673.9	5478.4	5040.7
12.5°	6370.7	6431.3	6440.7	6463.1	6440.7	6431.3	6370.7	6232.6	6083.8	5834.4	5437.2
10°	6496.7	6601.7	6599.5	6625.8	6599.5	6601.7	6496.7	6376.6	6255.1	6042.4	5626.5
7.5°	6592.3	6705.1	6752.8	6773.0	6752.8	6705.1	6592.3	6510.9	6391.1	6184.9	5759.7
5°	6709.1	6771.1	6853.4	6829.9	6853.4	6771.1	6709.1	6607.0	6455.3	6236.3	5848.6
2.5°	6758.1	6855.2	6832.8	6855.7	6832.8	6855.2	6758.1	6620.2	6480.8	6304.6	5965.3
0°	6791.1	6860.9	6871.2	6894.5	6871.2	6860.9	6791.1	6654.2	6512.2	6341.7	5998.1
-2.5°	6751.0	6812.4	6919.9	6886.7	6919.9	6812.4	6751.0	6625.4	6490.3	6318.2	6009.2
-5°	6715.9	6867.0	6808.4	6881.5	6808.4	6867.0	6715.9	6582.2	6447.8	6261.8	5938.5
-7.5°	6697.8	6724.8	6763.8	6819.5	6763.8	6724.8	6697.8	6545.6	6398.5	6202.4	5875.0
-10°	6557.6	6585.2	6656.8	6695.6	6656.8	6585.2	6557.6	6487.9	6316.5	6108.3	5794.8
-12.5°	6405.6	6459.1	6534.2	6558.6	6534.2	6459.1	6405.6	6328.2	6205.8	5978.6	5667.0
-15°	6230.4	6309.9	6383.1	6398.5	6383.1	6309.9	6230.4	6139.1	6003.7	5818.9	5512.9
-17.5°	6007.7	6103.0	6179.9	6197.0	6179.9	6103.0	6007.7	5905.4	5772.3	5607.3	5357.8
-20°	5762.2	5853.5	5919.0	5938.7	5919.0	5853.5	5762.2	5655.0	5529.4	5370.8	5135.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5499.4	5581.6	5636.9	5628.7	5636.9	5581.6	5499.4	5393.1	5277.0	5132.6	4879.8
-25°	5220.5	5296.7	5349.5	5342.0	5349.5	5296.7	5220.5	5127.6	5012.5	4859.0	4632.7
-27.5°	4925.6	4997.8	5048.5	5050.1	5048.5	4997.8	4925.6	4836.2	4720.4	4565.7	4372.5
-30°	4615.7	4681.3	4722.4	4706.5	4722.4	4681.3	4615.7	4529.0	4421.5	4271.2	4067.4
-32.5°	4296.0	4355.4	4393.1	4404.3	4393.1	4355.4	4296.0	4220.7	4130.1	3992.4	3774.6
-35°	3980.7	4033.0	4065.6	4073.6	4065.6	4033.0	3980.7	3911.9	3823.6	3714.7	3499.6
-37.5°	3667.5	3712.5	3735.2	3724.9	3735.2	3712.5	3667.5	3604.2	3524.6	3431.0	3245.2
-40°	3357.9	3400.8	3426.8	3433.0	3426.8	3400.8	3357.9	3300.4	3226.5	3135.2	2986.2
-42.5°	3053.5	3089.2	3112.1	3123.0	3112.1	3089.2	3053.5	3004.1	2926.2	2824.9	2705.1
-45°	2758.1	2790.0	2811.5	2823.4	2811.5	2790.0	2758.1	2713.9	2638.0	2540.2	2428.0
-47.5°	2470.8	2498.7	2517.2	2526.3	2517.2	2498.7	2470.8	2431.9	2364.3	2267.5	2156.7
-50°	2196.0	2220.2	2237.4	2247.4	2237.4	2220.2	2196.0	2162.3	2104.7	2010.7	1905.5
-52.5°	1935.3	1956.4	1971.2	1978.7	1971.2	1956.4	1935.3	1906.0	1860.0	1771.1	1674.3
-55°	1686.5	1703.6	1717.2	1725.6	1717.2	1703.6	1686.5	1662.4	1629.4	1547.0	1457.9
-57.5°	1454.4	1468.4	1481.3	1490.5	1481.3	1468.4	1454.4	1434.0	1406.9	1336.3	1258.3
-60°	1237.2	1250.4	1261.4	1268.3	1261.4	1250.4	1237.2	1219.0	1196.0	1142.8	1079.5
-62.5°	1041.1	1052.8	1062.9	1069.4	1062.9	1052.8	1041.1	1024.9	1004.2	963.1	912.0
-65°	853.2	863.7	871.2	875.7	871.2	863.7	853.2	839.1	821.1	791.8	753.9
-67.5°	694.8	706.9	709.3	707.8	709.3	706.9	694.8	680.1	662.9	640.3	611.8
-70°	553.4	563.6	566.0	565.7	566.0	563.6	553.4	541.5	528.3	512.0	490.8
-72.5°	432.7	438.3	433.5	426.2	433.5	438.3	432.7	426.3	419.4	410.2	394.5
-75°	324.7	321.1	316.1	310.0	316.1	321.1	324.7	327.5	329.8	329.2	317.6
-77.5°	237.8	229.0	223.3	217.0	223.3	229.0	237.8	245.8	253.1	257.7	249.8
-80°	165.6	157.0	151.0	144.7	151.0	157.0	165.6	173.6	181.1	187.1	184.5
-82.5°	104.9	97.8	94.2	90.4	94.2	97.8	104.9	111.6	117.9	123.4	121.7
-85°	58.2	54.0	51.6	49.1	51.6	54.0	58.2	62.2	65.9	69.1	67.3
-87.5°	25.7	25.8	24.5	23.2	24.5	25.8	25.7	25.6	25.6	25.4	24.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	14.2	13.6	12.9	12.3	11.6	11.0	10.3	9.7	9.0	8.4	7.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.3	0.1	0.0	0.3
67.5°	0.0	0.0	0.5	1.1	1.4	1.3	1.2	1.3	1.5	1.4	1.3
65°	1.6	1.0	0.6	1.3	1.9	2.6	2.7	2.4	2.3	2.7	3.2
62.5°	5.2	5.5	4.7	4.0	3.4	3.8	4.1	4.4	3.8	3.1	4.0
60°	15.5	9.4	13.8	14.8	11.8	10.2	15.3	14.5	7.5	6.5	5.8
57.5°	74.9	62.7	68.8	62.5	42.8	37.4	38.7	36.9	33.4	20.4	8.7
55°	258.3	221.3	173.9	150.2	144.7	110.7	82.5	68.8	62.4	45.1	29.8
52.5°	328.1	305.0	269.1	219.6	193.2	183.3	156.7	125.3	99.6	79.6	57.2
50°	411.4	417.5	380.7	312.2	285.1	255.8	230.0	193.7	161.0	129.2	95.4
47.5°	671.2	625.2	588.2	537.1	440.0	378.0	337.3	277.9	233.2	194.6	152.9
45°	894.9	842.3	806.1	726.7	623.6	527.7	463.7	389.3	310.1	258.5	220.6
42.5°	1053.8	985.6	926.3	861.5	763.0	654.8	567.0	493.4	410.1	326.4	276.0
40°	1209.2	1101.2	1042.4	984.5	891.6	770.2	701.8	593.7	506.8	414.0	345.2
37.5°	1441.1	1257.6	1236.8	1181.0	1075.9	949.7	872.7	766.0	604.8	517.3	438.2
35°	1833.0	1643.9	1534.8	1480.1	1343.8	1183.0	1056.3	956.7	796.6	624.4	533.2
32.5°	2264.9	2025.5	1859.9	1781.9	1635.6	1417.4	1261.0	1134.4	973.8	778.9	632.6
30°	2508.7	2290.5	2090.9	1957.5	1815.4	1627.8	1448.4	1269.5	1095.2	933.9	740.3
27.5°	2735.6	2463.5	2248.4	2097.8	1964.8	1784.4	1585.9	1394.1	1202.5	1043.2	870.6
25°	2951.8	2650.3	2415.8	2239.0	2084.3	1941.5	1717.2	1507.6	1307.8	1131.7	996.7
22.5°	3153.2	2873.3	2603.2	2372.0	2240.9	2087.6	1866.4	1612.6	1417.4	1269.3	1110.4
20°	3484.9	3171.6	2829.5	2629.5	2507.5	2270.8	2020.5	1769.5	1590.2	1420.6	1233.7
17.5°	4031.7	3640.7	3231.7	3017.5	2844.8	2554.4	2235.5	1986.5	1762.6	1573.6	1367.9
15°	4630.3	4126.9	3721.7	3445.0	3171.5	2831.3	2462.2	2193.2	1938.8	1726.2	1491.2
12.5°	4926.1	4446.9	4088.4	3698.5	3345.7	3037.4	2688.1	2391.5	2102.8	1825.7	1567.6
10°	5102.6	4626.5	4220.9	3831.7	3478.1	3181.5	2857.0	2505.7	2184.9	1891.7	1631.2
7.5°	5239.9	4749.3	4317.5	3930.0	3571.6	3258.7	2948.2	2579.8	2250.6	1945.0	1682.2
5°	5335.0	4845.1	4407.2	4015.4	3638.1	3314.2	3015.9	2636.0	2299.5	1985.4	1721.0
2.5°	5433.0	4919.4	4463.3	4070.6	3680.5	3349.3	3056.9	2678.9	2339.3	2015.4	1753.3
0°	5471.1	4962.3	4502.5	4099.5	3704.3	3363.3	3068.8	2707.2	2366.2	2032.9	1774.6
-2.5°	5495.7	4976.3	4517.7	4118.2	3735.7	3385.4	3082.2	2738.8	2374.7	2051.8	1780.6
-5°	5458.4	4959.7	4504.9	4102.7	3736.3	3387.1	3072.9	2743.5	2372.6	2056.8	1776.0
-7.5°	5412.6	4916.0	4456.0	4061.5	3709.4	3363.7	3045.1	2723.0	2364.4	2048.6	1767.2
-10°	5335.3	4846.3	4408.4	4018.6	3662.0	3314.0	3004.6	2684.0	2338.0	2025.2	1746.7
-12.5°	5232.0	4758.3	4325.8	3940.2	3598.2	3262.7	2959.7	2630.1	2292.9	1986.2	1714.2
-15°	5095.5	4643.0	4223.4	3847.7	3516.8	3196.1	2893.3	2570.5	2249.0	1938.0	1669.7
-17.5°	4946.2	4490.9	4077.8	3723.7	3409.9	3105.9	2808.8	2507.9	2198.4	1892.9	1629.5
-20°	4776.7	4329.6	3920.3	3577.2	3281.0	2993.0	2718.2	2437.9	2128.1	1840.9	1587.5



REPORT NUMBER: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4532.8	4137.9	3762.6	3426.2	3143.1	2879.4	2614.8	2343.8	2037.0	1775.9	1530.1
-25°	4291.7	3924.5	3587.2	3278.0	3004.6	2754.2	2496.8	2228.2	1955.9	1699.4	1460.0
-27.5°	4055.8	3715.7	3379.6	3101.6	2856.1	2611.5	2369.7	2115.5	1864.9	1613.5	1394.1
-30°	3801.1	3483.0	3179.9	2919.0	2686.6	2460.3	2242.8	2005.5	1758.9	1520.3	1323.1
-32.5°	3521.3	3242.1	2975.0	2729.4	2512.2	2311.7	2105.3	1880.4	1636.7	1433.3	1240.8
-35°	3249.8	2992.1	2761.6	2544.9	2347.7	2164.3	1964.5	1739.2	1525.2	1334.4	1147.9
-37.5°	3006.8	2755.8	2542.3	2355.6	2190.9	2017.0	1817.7	1617.9	1416.7	1224.2	1061.6
-40°	2755.3	2521.1	2331.5	2179.8	2022.2	1865.6	1690.2	1504.4	1305.9	1117.8	976.8
-42.5°	2511.6	2322.6	2135.7	1983.8	1842.5	1714.3	1566.3	1378.7	1196.3	1033.0	897.5
-45°	2272.9	2101.2	1930.6	1792.1	1674.6	1554.4	1422.1	1251.6	1087.7	947.5	819.7
-47.5°	2027.7	1883.1	1740.9	1612.1	1507.1	1390.3	1262.6	1118.1	983.8	857.5	744.3
-50°	1792.3	1675.0	1559.9	1448.4	1342.1	1228.0	1113.9	997.3	877.5	767.4	664.7
-52.5°	1570.6	1473.5	1376.3	1278.7	1185.7	1086.0	980.8	877.1	771.7	679.7	587.9
-55°	1362.1	1278.9	1201.7	1123.4	1045.1	955.2	860.3	766.8	682.7	598.2	523.4
-57.5°	1177.5	1104.4	1043.1	979.2	912.9	833.3	752.1	673.2	603.4	533.4	464.2
-60°	1014.4	950.7	898.1	842.4	783.6	717.1	652.6	590.1	529.8	472.7	413.1
-62.5°	860.4	809.0	761.6	714.4	666.6	616.2	561.1	510.7	463.9	415.8	361.9
-65°	714.7	674.4	634.7	596.5	557.3	516.7	472.9	433.0	394.8	355.7	309.1
-67.5°	581.8	550.3	518.1	486.2	455.5	423.4	390.0	356.7	325.6	293.8	255.9
-70°	468.4	444.6	419.6	392.9	367.6	342.4	316.6	289.7	261.2	235.2	209.3
-72.5°	378.0	361.0	342.2	320.7	297.9	276.2	255.2	234.2	212.6	190.3	167.7
-75°	305.5	292.9	278.7	260.7	242.3	223.4	205.8	187.7	167.9	146.4	125.4
-77.5°	241.9	234.2	225.4	211.1	196.6	182.0	166.2	146.5	126.4	106.5	89.2
-80°	181.3	177.7	172.5	160.0	147.5	135.1	122.0	104.8	87.7	71.6	58.8
-82.5°	119.7	117.2	113.8	105.5	97.3	89.2	81.0	69.0	57.6	46.7	37.2
-85°	65.4	63.2	60.9	57.0	53.0	49.1	45.2	38.6	32.4	26.6	21.4
-87.5°	23.9	23.1	22.2	21.4	20.6	19.7	18.8	16.9	15.0	13.1	11.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.1	6.5	5.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.8
82.5°	0.0	0.0	0.0	0.0	0.4	0.7	0.8	0.7	0.4	0.1	0.2
80°	0.0	0.0	0.0	0.1	0.6	1.4	1.7	1.8	1.4	0.9	0.5
77.5°	0.0	0.0	0.0	0.0	0.3	0.7	1.5	2.4	2.3	1.8	1.3
75°	0.0	0.0	0.0	0.1	0.2	0.0	0.5	1.4	2.1	2.6	2.0
72.5°	0.0	0.0	0.0	0.3	0.7	0.7	0.4	0.5	1.5	2.2	2.6
70°	0.4	0.1	0.0	0.4	1.1	1.6	1.5	1.2	1.0	1.9	2.5
67.5°	1.2	1.3	1.0	0.7	1.2	1.8	2.4	2.3	2.0	1.7	2.4
65°	3.0	2.8	2.6	2.3	1.9	1.9	2.5	3.2	3.0	2.6	2.4
62.5°	4.5	4.5	4.2	3.8	3.4	2.9	2.7	3.6	3.9	3.5	2.9
60°	5.8	6.1	5.8	5.3	4.8	4.2	3.9	4.0	4.5	4.4	3.7
57.5°	8.0	7.8	7.7	7.0	6.2	5.5	5.2	5.1	5.2	5.1	4.5
55°	14.1	9.8	9.9	9.2	7.9	6.8	6.5	6.3	6.0	5.9	5.3
52.5°	35.9	19.9	12.8	11.8	10.2	8.4	7.8	7.5	7.1	6.7	6.0
50°	66.3	42.9	24.3	15.2	13.0	11.0	9.2	8.7	8.2	7.6	6.7
47.5°	106.1	73.8	47.9	24.1	16.8	13.8	11.5	9.9	9.3	8.6	7.4
45°	163.4	108.7	75.3	47.6	22.4	19.1	14.2	11.1	10.3	9.5	8.1
42.5°	227.3	159.5	105.7	71.9	42.7	26.5	17.0	13.5	11.4	10.5	8.9
40°	290.0	220.3	142.0	99.1	64.4	35.5	24.5	16.1	12.5	11.5	9.8
37.5°	359.4	284.8	198.9	128.2	86.5	54.1	33.6	18.8	14.2	12.6	10.7
35°	445.1	356.3	255.8	170.8	114.6	71.4	43.7	23.9	17.5	13.7	11.6
32.5°	530.8	427.6	317.4	220.3	143.9	87.4	56.8	34.1	21.3	14.9	12.6
30°	617.0	493.0	375.4	266.2	177.7	113.0	70.9	44.0	25.7	16.1	13.6
27.5°	694.6	554.6	429.6	314.1	217.2	140.0	85.7	53.6	30.5	18.3	14.6
25°	782.3	621.3	483.0	359.9	253.4	168.2	100.9	63.1	37.6	22.0	15.6
22.5°	895.2	689.8	532.5	401.4	289.3	195.2	120.4	75.5	45.3	26.0	16.7
20°	1007.4	756.7	581.0	453.4	328.3	225.5	142.9	87.8	52.7	30.1	17.7
17.5°	1117.5	842.4	651.5	506.6	370.0	253.9	164.0	100.0	59.7	34.2	18.7
15°	1216.2	940.7	720.8	556.8	410.8	280.2	183.5	111.8	66.2	38.4	20.0
12.5°	1299.1	1025.4	786.1	603.9	450.2	304.1	201.3	123.1	72.2	43.0	21.8
10°	1367.6	1097.0	846.6	647.3	487.4	325.7	217.4	134.4	79.2	48.0	23.7
7.5°	1422.3	1156.1	901.7	686.8	521.1	345.9	234.6	146.3	86.1	52.7	25.6
5°	1463.5	1202.3	944.3	715.1	547.9	364.4	250.6	157.3	92.4	57.0	27.5
2.5°	1490.2	1236.3	975.8	737.3	569.8	380.0	264.5	167.2	98.2	61.1	29.3
0°	1506.0	1260.6	999.7	754.3	586.4	392.6	276.4	175.7	103.3	64.6	31.0
-2.5°	1520.1	1276.5	1020.5	784.0	597.8	413.3	284.0	183.4	111.5	67.2	34.2
-5°	1524.7	1283.6	1034.2	806.9	604.7	430.1	289.3	189.7	118.6	69.2	37.0
-7.5°	1516.9	1279.3	1039.0	819.9	608.0	442.0	292.5	194.6	124.5	70.8	39.6
-10°	1499.4	1265.5	1032.7	816.0	612.3	445.7	294.2	198.2	128.7	72.0	41.7
-12.5°	1473.5	1244.6	1019.1	807.3	611.6	443.4	299.1	201.0	130.9	72.9	43.2
-15°	1439.6	1217.2	998.3	794.5	604.2	438.0	300.3	202.0	130.7	74.4	44.2
-17.5°	1399.6	1184.0	970.5	778.2	589.9	430.0	297.6	200.8	129.4	76.6	45.1
-20°	1359.6	1147.1	937.5	759.0	568.3	419.6	290.7	197.1	127.0	78.0	46.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1312.7	1104.8	909.0	732.1	544.9	407.0	279.3	190.9	123.6	78.7	46.4
-25°	1258.8	1055.4	874.7	695.1	526.5	392.8	267.6	181.9	119.2	78.4	46.3
-27.5°	1197.9	1002.6	834.4	654.6	507.3	372.9	256.6	175.4	115.5	77.3	45.6
-30°	1130.0	952.9	786.1	615.7	483.9	351.4	242.1	168.1	113.8	75.9	44.3
-32.5°	1056.8	897.0	734.2	586.0	457.3	329.2	229.3	159.8	111.0	74.0	44.4
-35°	988.0	836.0	681.2	551.8	429.1	316.0	220.7	150.6	106.9	71.4	44.6
-37.5°	914.5	772.2	639.3	516.1	399.4	300.8	213.8	146.5	101.7	68.1	44.4
-40°	843.7	711.6	590.8	482.1	377.4	283.8	202.9	141.8	96.8	64.1	43.9
-42.5°	772.1	654.6	544.4	445.0	356.6	267.3	188.9	134.8	92.7	61.8	42.9
-45°	706.1	595.8	495.0	412.8	333.6	246.2	178.1	125.9	87.8	60.2	42.0
-47.5°	636.8	536.0	449.9	377.4	303.5	223.2	164.5	119.0	81.9	58.0	41.3
-50°	565.3	479.2	407.7	338.6	266.6	204.0	149.8	110.7	79.8	56.3	40.3
-52.5°	502.6	429.4	364.5	298.7	238.7	181.6	138.7	101.8	77.0	54.9	38.9
-55°	448.7	382.1	322.0	265.9	212.1	165.1	126.2	97.5	73.5	53.0	37.1
-57.5°	401.1	338.2	287.1	236.7	190.0	149.2	117.4	92.5	69.8	50.5	35.5
-60°	354.8	303.1	255.4	210.5	169.3	135.5	110.5	86.7	65.4	47.4	33.8
-62.5°	311.9	266.5	224.9	184.3	150.8	124.4	102.6	80.0	60.3	43.4	31.5
-65°	267.0	228.3	193.1	161.3	134.0	111.3	92.4	72.3	53.5	38.7	28.5
-67.5°	220.3	191.9	164.5	138.0	115.7	96.6	80.7	62.1	45.5	33.2	25.1
-70°	183.5	158.5	135.3	114.4	96.2	80.7	65.9	50.2	36.7	28.4	21.4
-72.5°	146.1	125.7	106.6	90.1	77.1	63.9	50.4	38.4	30.5	23.5	17.5
-75°	108.1	94.3	81.9	70.4	58.7	47.1	38.5	30.6	24.0	18.3	14.7
-77.5°	78.5	68.5	59.3	52.0	44.0	36.3	29.1	22.4	18.2	15.2	12.4
-80°	53.3	48.1	43.0	37.9	31.5	25.4	21.0	17.3	14.6	12.2	9.9
-82.5°	33.6	30.8	28.3	25.7	21.9	18.5	15.5	13.0	11.0	9.2	8.1
-85°	19.9	18.4	17.0	15.5	13.4	11.6	10.7	9.9	9.0	8.2	7.3
-87.5°	11.2	11.0	10.9	10.7	10.1	9.6	9.2	8.8	8.1	7.3	6.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3	1.9

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Scaled Data Report



REPORT NUMBER: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.2	4.6	3.9	3.2	2.6	2.6	2.6
87.5°	1.9	2.2	2.4	2.5	2.6	2.6	2.6
85°	1.3	1.8	2.2	2.4	2.6	2.6	2.6
82.5°	0.6	1.4	1.9	2.4	2.6	2.6	2.6
80°	0.1	1.0	1.7	2.3	2.6	2.6	2.6
77.5°	0.8	0.9	1.5	2.2	2.6	2.6	2.6
75°	1.5	1.3	1.4	2.1	2.6	2.6	2.6
72.5°	2.1	1.7	1.7	2.1	2.6	2.6	2.6
70°	2.6	2.1	1.9	2.1	2.6	2.6	2.6
67.5°	2.7	2.4	2.1	2.2	2.6	2.6	2.6
65°	2.8	2.7	2.3	2.3	2.6	2.6	2.6
62.5°	2.9	2.9	2.4	2.3	2.6	2.6	2.6
60°	3.1	3.1	2.6	2.4	2.6	2.6	2.6
57.5°	3.7	3.4	2.8	2.5	2.6	2.6	2.6
55°	4.3	3.6	3.1	2.5	2.7	2.6	2.6
52.5°	5.0	4.0	3.4	2.6	2.7	2.6	2.6
50°	5.6	4.5	3.7	2.6	2.8	2.6	2.6
47.5°	6.2	5.0	4.0	2.7	2.8	2.6	2.6
45°	6.8	5.5	4.3	2.9	2.9	2.6	2.6
42.5°	7.4	6.0	4.6	3.1	3.0	2.6	2.6
40°	8.0	6.5	5.0	3.5	3.1	2.6	2.6
37.5°	8.5	6.9	5.3	3.8	3.2	2.6	2.6
35°	9.1	7.4	5.7	4.1	3.3	2.6	2.6
32.5°	9.7	7.8	6.0	4.5	3.4	2.6	2.6
30°	10.4	8.2	6.3	4.8	3.5	2.6	2.6
27.5°	11.2	8.6	6.7	5.1	3.7	2.6	2.6
25°	12.0	9.0	7.1	5.4	3.8	2.6	2.6
22.5°	12.7	9.4	7.5	5.7	4.0	2.6	2.6
20°	13.5	9.8	7.9	5.9	4.1	2.6	2.6
17.5°	14.2	10.3	8.2	6.2	4.2	2.6	2.6
15°	15.0	10.7	8.6	6.5	4.4	2.6	2.6
12.5°	15.6	11.2	8.9	6.7	4.5	2.6	2.6
10°	16.2	11.6	9.2	6.9	4.7	2.6	2.6
7.5°	16.8	11.9	9.5	7.1	4.8	2.6	2.6
5°	17.3	12.3	9.8	7.3	5.0	2.6	2.6
2.5°	17.7	12.6	10.1	7.5	5.1	2.6	2.6
0°	18.1	12.9	10.3	7.7	5.2	2.6	2.6
-2.5°	19.1	13.2	10.5	7.7	5.2	2.6	2.6
-5°	20.0	13.4	10.7	7.7	5.2	2.6	2.6
-7.5°	20.8	13.6	10.9	7.6	5.2	2.6	2.6
-10°	21.5	13.8	11.0	7.6	5.1	2.6	2.6
-12.5°	22.0	14.0	11.1	7.5	5.1	2.6	2.6
-15°	22.3	14.2	11.1	7.4	5.0	2.6	2.6
-17.5°	22.4	14.3	11.1	7.4	5.0	2.6	2.6
-20°	23.0	14.4	11.0	7.2	4.9	2.6	2.6

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REPORT NUMBER: P626940 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-750-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.4	14.4	10.9	7.1	4.8	2.6	2.6
-25°	25.7	15.4	10.7	7.0	4.7	2.6	2.6
-27.5°	26.6	16.6	10.4	6.8	4.6	2.6	2.6
-30°	27.3	17.6	10.2	6.7	4.5	2.6	2.6
-32.5°	27.6	18.5	10.5	6.5	4.4	2.6	2.6
-35°	28.4	19.1	10.8	6.3	4.3	2.6	2.6
-37.5°	29.1	19.5	11.0	6.1	4.1	2.6	2.6
-40°	29.6	19.7	11.1	5.9	4.0	2.6	2.6
-42.5°	29.7	19.7	11.2	5.8	3.8	2.6	2.6
-45°	29.5	19.5	11.2	5.9	3.7	2.6	2.6
-47.5°	29.1	19.2	11.2	5.8	3.5	2.6	2.6
-50°	28.5	18.8	11.0	5.8	3.3	2.6	2.6
-52.5°	27.7	18.2	10.6	5.6	3.2	2.6	2.6
-55°	26.7	17.5	10.2	5.5	3.0	2.6	2.6
-57.5°	25.5	16.5	9.6	5.3	2.8	2.6	2.6
-60°	24.1	15.4	9.0	5.0	2.6	2.6	2.6
-62.5°	22.2	14.1	8.5	4.8	2.6	2.6	2.6
-65°	20.0	12.7	7.9	4.5	2.6	2.6	2.6
-67.5°	17.6	11.4	7.3	4.1	2.6	2.6	2.6
-70°	15.0	10.3	6.6	3.7	2.6	2.6	2.6
-72.5°	13.2	9.2	5.9	3.6	2.6	2.6	2.6
-75°	11.5	8.0	5.1	3.6	2.6	2.6	2.6
-77.5°	9.7	6.7	4.9	3.6	2.6	2.6	2.6
-80°	7.8	6.1	4.7	3.5	2.6	2.6	2.6
-82.5°	7.1	5.7	4.5	3.5	2.6	2.6	2.6
-85°	6.5	5.3	4.3	3.4	2.6	2.6	2.6
-87.5°	5.8	5.0	4.1	3.3	2.6	2.6	2.6
-90°	2.6	2.6	2.6	2.6	2.6	2.6	2.6

(END OF REPORT)