

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: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-722-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5B-722-U-WR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

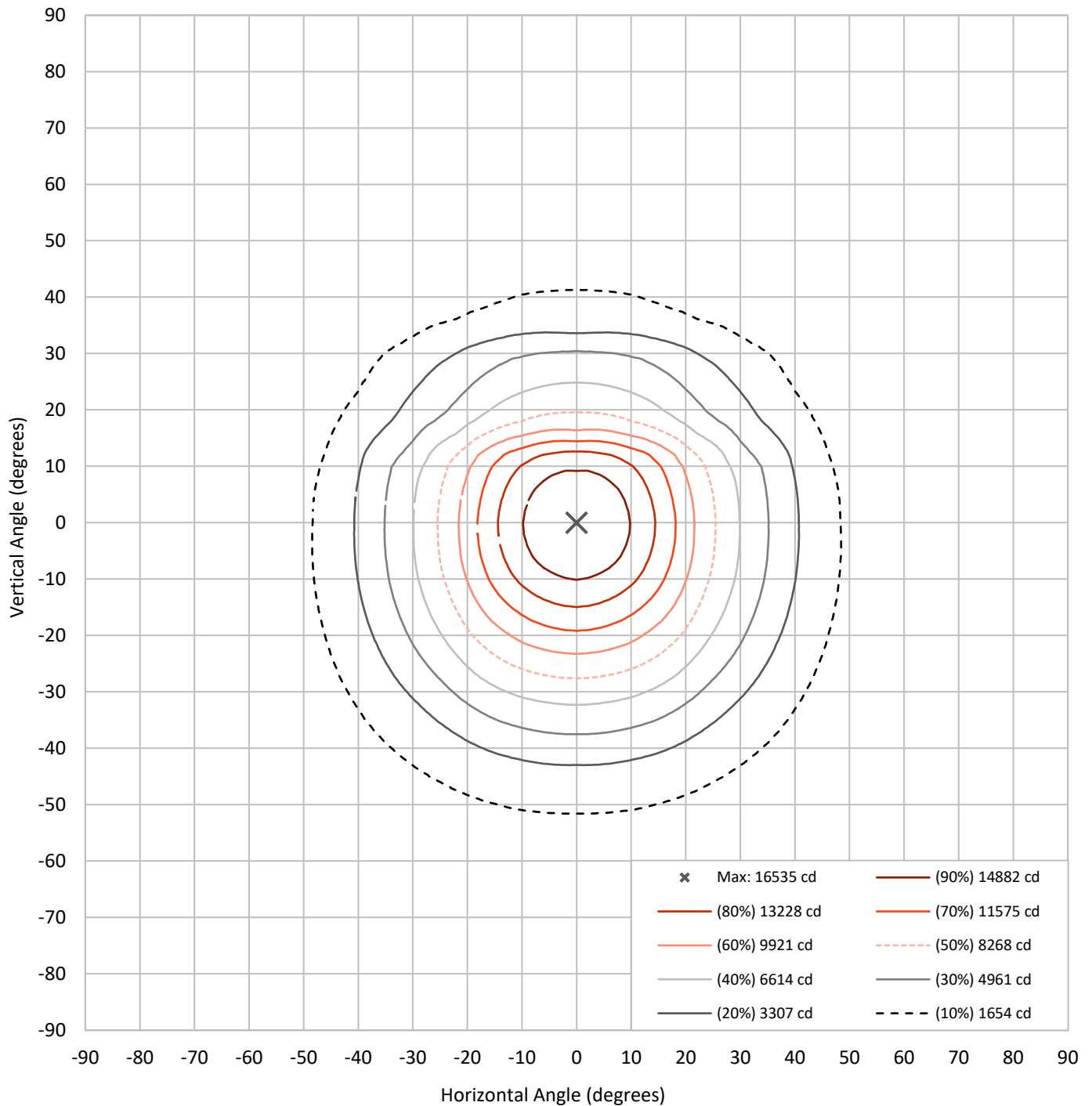
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	14587.5 lumens	Max Intensity:	16535 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	7023.2 lumens	Field Lumens:	13060.7 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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





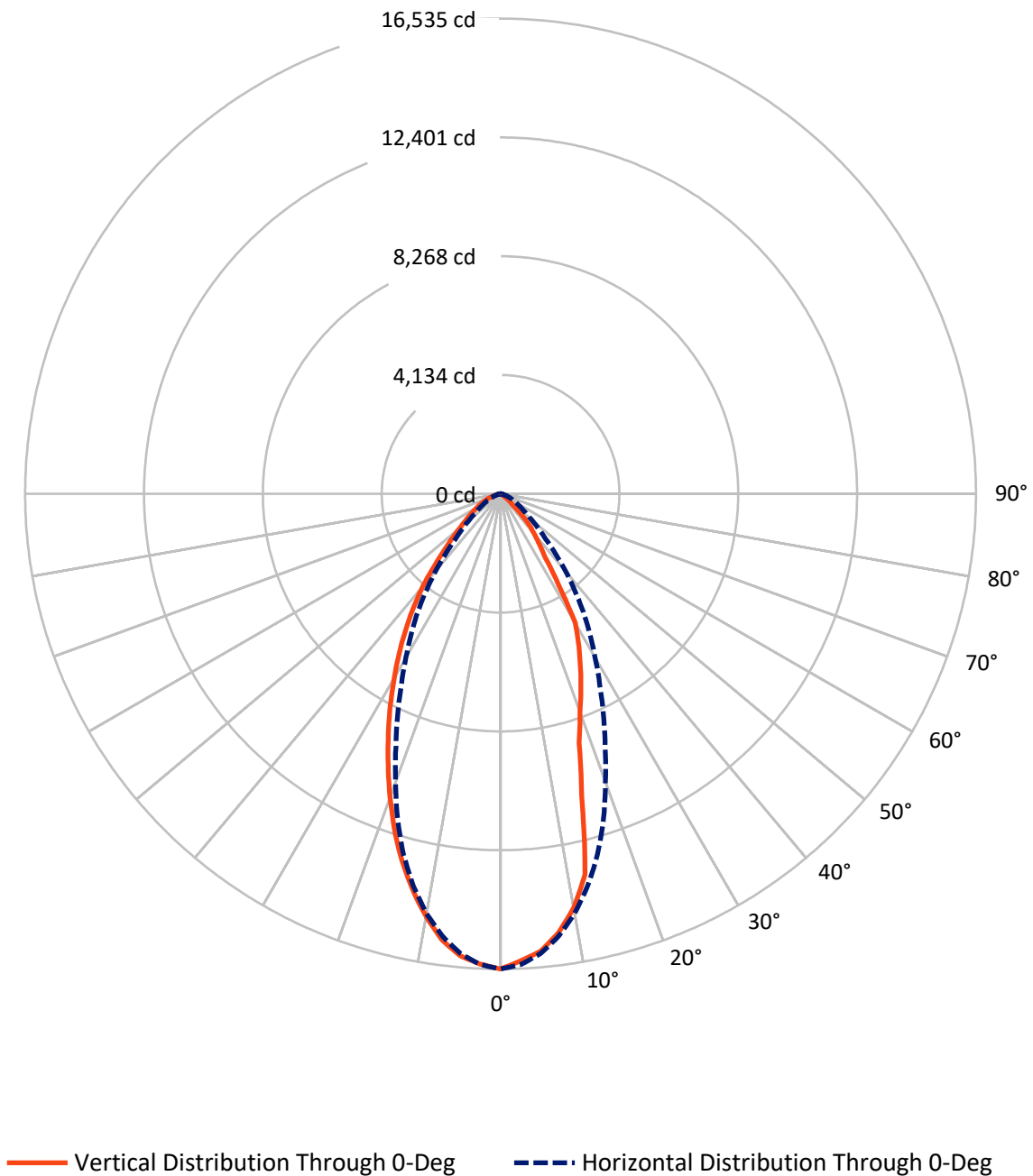
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Lumen Table

90																			
80	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
70																			
60	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
50		0.3	0.8	1.4	2.3	3.4	4.6	5.2	5.2	4.6	3.4	2.3	1.4	0.8	0.3				
40	0.6	1.1	2.8	5.9	10.9	17.8	25.7	31.5	31.5	25.7	17.8	10.9	5.9	2.8	1.1			0.6	
30		2.2	5.7	13.2	27.2	50.0	76.5	92.0	92.0	76.5	50.0	27.2	13.2	5.7	2.2				
20	1.6	3.5	9.2	24.0	56.7	106.4	161.9	195.1	195.1	161.9	106.4	56.7	24.0	9.2	3.5			1.6	
10		4.7	13.2	37.5	93.2	172.4	269.4	333.0	333.0	269.4	172.4	93.2	37.5	13.2	4.7				
0	2.3	5.5	16.5	48.6	122.4	228.1	366.3	464.4	464.4	366.3	228.1	122.4	48.6	16.5	5.5			2.3	
-10		5.7	17.2	50.1	124.2	231.5	370.0	467.4	467.4	370.0	231.5	124.2	50.1	17.2	5.7				
-20	2.4	5.7	16.3	44.7	110.0	203.2	313.3	386.6	386.6	313.3	203.2	110.0	44.7	16.3	5.7			2.4	
-30		5.2	14.1	35.0	82.1	153.2	228.3	273.8	273.8	228.3	153.2	82.1	35.0	14.1	5.2				
-40	2.1	4.6	11.4	25.3	51.7	95.0	143.4	170.7	170.7	143.4	95.0	51.7	25.3	11.4	4.6			2.1	
-50		3.8	8.8	17.5	31.0	49.8	71.4	85.0	85.0	71.4	49.8	31.0	17.5	8.8	3.8				
-60	1.3	3.0	6.4	11.6	19.0	27.3	35.3	39.9	39.9	35.3	27.3	19.0	11.6	6.4	3.0			1.3	
-70		2.1	4.3	7.2	11.0	15.0	18.3	20.0	20.0	18.3	15.0	11.0	7.2	4.3	2.1				
-80	0.3	4.2	10.7	19.2	17.5	19.2	10.7	4.2	0.3										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

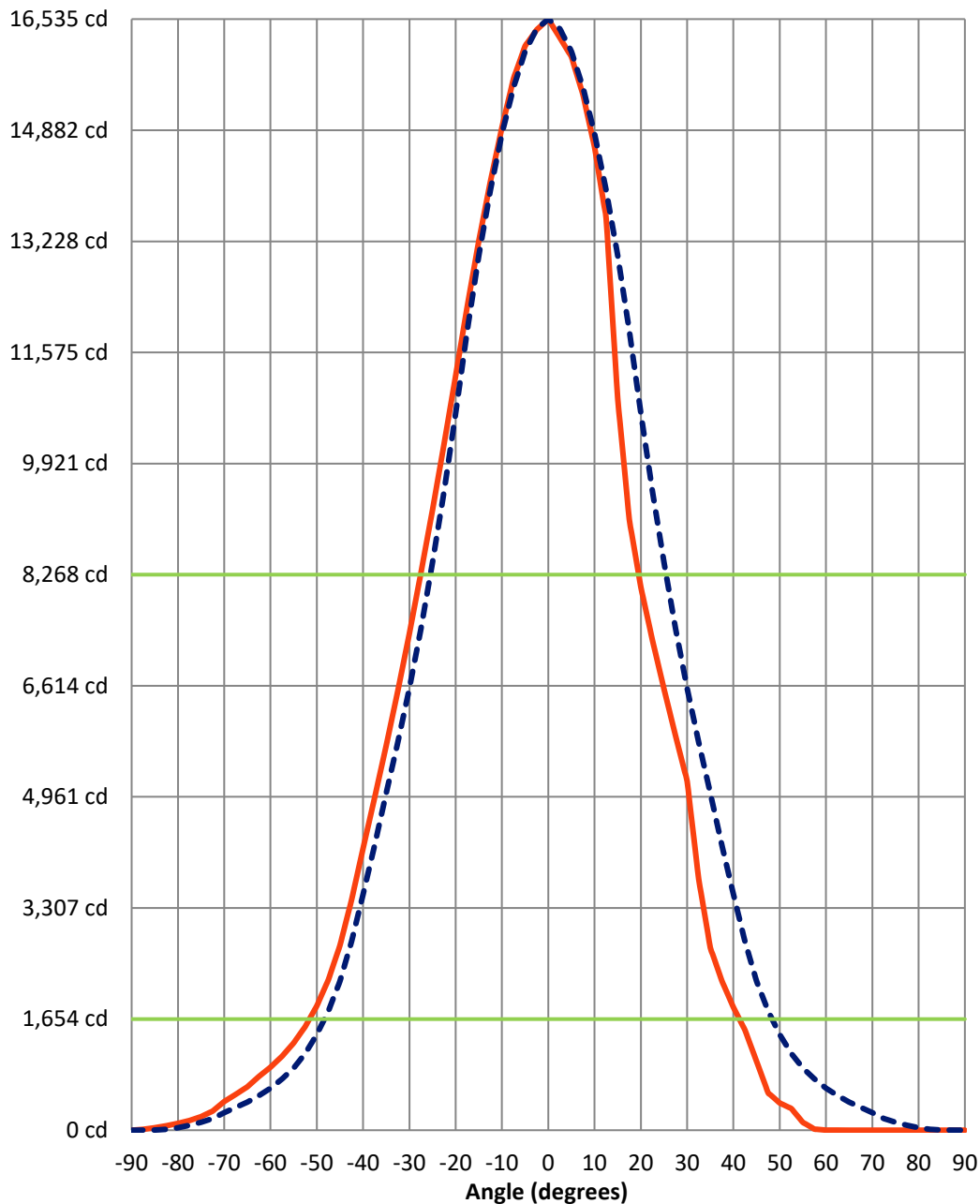
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 7023.2
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 13060.7
 Efficiency: 89.5%

Spill:
 Lumens: 1526.7
 Efficiency: 10.5%

— 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	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
82.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.2	1.2
80°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.2	1.2	1.2	1.2
77.5°	0.0	0.3	0.5	0.8	1.0	1.2	1.2	1.2	1.2	1.2	1.2
75°	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	0.0	0.4	0.7	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	0.0	0.4	0.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3
67.5°	0.0	0.5	0.9	1.2	1.2	1.2	1.3	1.2	1.2	1.5	1.5
65°	0.0	0.5	1.0	1.2	1.2	1.3	1.4	1.2	1.7	1.9	2.3
62.5°	0.0	0.6	1.1	1.2	1.2	1.6	1.6	1.6	2.2	3.2	4.9
60°	0.0	0.6	1.2	1.2	1.2	1.9	1.9	2.2	2.8	7.8	8.5
57.5°	0.0	0.6	1.2	1.2	1.5	2.2	3.2	3.0	7.7	13.1	14.5
55°	0.0	0.7	1.2	1.2	1.9	2.6	4.9	4.5	14.1	19.8	22.4
52.5°	0.0	0.7	1.3	1.2	2.3	3.3	6.8	11.1	21.0	29.5	31.8
50°	0.0	0.8	1.3	1.2	2.6	5.3	9.0	18.3	29.4	40.1	48.5
47.5°	0.0	0.8	1.3	1.3	3.0	7.5	12.0	25.7	40.4	51.9	65.8
45°	0.0	0.8	1.3	1.6	3.5	9.8	18.4	33.1	51.5	67.2	82.9
42.5°	0.0	0.9	1.4	1.9	3.9	12.3	24.8	41.8	62.5	82.3	101.9
40°	0.0	0.9	1.4	2.3	5.1	14.8	31.1	51.4	74.0	97.1	121.7
37.5°	0.0	1.0	1.5	2.8	7.2	17.6	37.4	60.8	86.4	112.3	142.0
35°	0.0	1.0	1.5	3.4	9.2	21.8	43.6	70.1	98.8	130.4	164.0
32.5°	0.0	1.0	1.6	4.0	11.3	26.7	50.2	79.2	111.3	149.1	188.8
30°	0.0	1.0	1.6	4.6	13.3	31.6	57.6	88.5	123.7	168.1	213.8
27.5°	0.0	1.1	1.7	5.3	15.7	36.2	64.8	98.7	137.4	187.5	238.9
25°	0.0	1.1	1.8	6.0	18.1	40.7	71.7	108.6	153.2	208.1	263.9
22.5°	0.0	1.1	1.8	6.7	20.4	45.1	78.3	118.3	168.8	228.9	289.4
20°	0.0	1.1	1.9	7.5	22.7	49.3	84.6	127.6	184.1	249.3	313.6
17.5°	0.0	1.1	2.0	8.2	24.8	53.3	90.5	136.6	199.1	269.1	336.5
15°	0.0	1.2	2.0	9.0	26.9	57.1	95.8	144.6	213.5	288.1	358.2
12.5°	0.0	1.2	2.1	9.7	28.9	60.5	100.7	151.2	225.5	306.4	378.4
10°	0.0	1.2	2.2	10.4	30.7	63.7	105.2	157.2	235.0	317.1	394.4
7.5°	0.0	1.2	2.2	11.1	32.4	66.6	109.2	162.4	243.4	325.3	402.7
5°	0.0	1.2	2.3	11.8	34.0	69.1	112.6	166.9	250.6	331.8	409.4
2.5°	0.0	1.2	2.3	12.4	35.4	71.3	115.6	170.6	256.5	336.7	414.6
0°	0.0	1.2	2.4	13.0	36.6	73.2	118.1	173.6	261.0	340.1	418.1
-2.5°	0.0	1.3	2.8	13.8	38.3	75.5	121.3	178.6	266.1	345.0	423.6
-5°	0.0	1.3	3.1	14.6	39.8	77.5	124.0	182.8	269.8	348.6	427.6
-7.5°	0.0	1.4	3.4	15.3	41.0	79.0	126.1	186.1	272.2	350.8	429.9
-10°	0.0	1.5	3.8	15.9	42.0	80.2	127.6	188.4	273.2	351.6	430.6
-12.5°	0.0	1.5	4.1	16.4	42.8	81.0	128.5	189.8	272.9	351.1	428.6
-15°	0.0	1.6	4.4	16.8	43.3	81.4	128.8	190.1	270.9	348.1	424.5
-17.5°	0.0	1.6	4.6	17.1	43.6	81.3	128.4	189.7	267.4	343.9	418.7
-20°	0.0	1.7	4.9	17.3	43.5	80.9	128.0	188.8	263.1	338.7	411.3

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Scaled Data Report



REPORT NUMBER: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.7	5.1	17.4	43.2	80.0	128.1	187.1	257.9	332.6	402.4
-25°	0.0	1.8	5.3	17.4	42.5	79.7	127.5	184.6	252.0	325.5	391.9
-27.5°	0.0	1.8	5.4	17.3	41.5	79.4	126.3	181.3	245.4	317.3	382.3
-30°	0.0	1.8	5.6	17.1	40.4	78.5	124.5	177.3	239.6	308.1	371.9
-32.5°	0.0	1.8	5.6	16.7	39.8	77.2	122.0	173.9	233.9	298.4	360.7
-35°	0.0	1.8	5.7	16.2	39.0	75.3	119.6	170.3	227.4	288.5	348.9
-37.5°	0.0	1.8	5.7	15.6	37.8	73.3	116.9	165.9	220.1	278.3	334.9
-40°	0.0	1.8	5.7	14.8	36.3	71.5	113.5	160.8	212.2	268.7	320.1
-42.5°	0.0	1.8	5.6	14.1	35.2	69.3	109.5	155.0	204.8	256.4	304.2
-45°	0.0	1.7	5.5	13.6	34.6	66.6	104.8	148.9	197.3	243.1	287.8
-47.5°	0.0	1.7	5.4	12.9	33.5	63.4	99.5	142.6	188.8	229.4	272.5
-50°	0.0	1.6	5.3	12.6	32.1	59.8	94.9	135.6	177.7	216.9	256.8
-52.5°	0.0	1.6	5.0	12.5	30.3	55.8	89.9	127.8	166.7	203.9	240.9
-55°	0.0	1.5	4.8	12.1	28.2	52.5	84.3	119.4	155.3	190.3	225.9
-57.5°	0.0	1.4	4.5	11.6	25.8	49.0	78.3	112.0	143.3	176.6	210.3
-60°	0.0	1.4	4.2	11.0	23.1	44.9	71.8	103.1	131.0	162.4	194.3
-62.5°	0.0	1.3	4.0	10.2	21.5	40.4	65.5	93.2	118.9	147.6	177.7
-65°	0.0	1.2	3.7	9.3	19.7	35.4	58.6	82.9	106.0	132.1	160.5
-67.5°	0.0	1.1	3.4	8.3	17.6	31.0	51.1	72.4	92.3	115.6	141.5
-70°	0.0	1.0	3.1	7.1	15.3	27.2	43.1	61.6	79.4	98.4	121.0
-72.5°	0.0	0.9	2.7	6.3	12.8	23.1	36.6	50.4	66.1	82.8	100.3
-75°	0.0	0.7	2.4	5.5	10.2	18.7	30.1	41.1	52.4	66.8	81.9
-77.5°	0.0	0.6	2.0	4.7	8.4	14.1	23.2	32.3	41.6	51.5	63.0
-80°	0.0	0.5	1.6	3.8	6.8	10.8	16.0	23.3	31.0	39.0	47.5
-82.5°	0.0	0.4	1.2	2.9	5.2	8.2	11.8	15.6	20.1	26.3	32.8
-85°	0.0	0.3	0.8	1.9	3.5	5.5	7.9	10.5	13.3	16.4	19.9
-87.5°	0.0	0.1	0.4	1.0	1.7	2.8	4.0	5.2	6.7	8.2	10.0
-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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CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-XX

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°	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8	0.9	0.9	1.0
85°	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0
67.5°	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.2	1.2	0.9	0.6
65°	1.2	1.2	1.6	1.8	1.3	1.2	1.2	1.2	1.3	1.1	1.1
62.5°	1.7	2.1	2.6	4.1	3.1	1.2	2.3	2.7	1.8	1.5	1.6
60°	5.2	3.5	9.1	12.6	8.3	4.4	5.4	10.7	8.9	2.4	6.3
57.5°	10.4	12.8	22.9	24.0	18.5	12.5	27.4	30.3	25.2	15.8	22.8
55°	21.7	30.5	38.6	38.2	38.4	48.3	56.7	55.7	49.1	67.7	85.3
52.5°	41.1	50.3	55.6	60.6	74.4	83.6	86.2	91.4	110.7	133.7	137.8
50°	60.4	69.8	76.8	94.8	108.9	116.2	122.9	140.6	169.7	185.4	188.0
47.5°	79.8	90.3	108.9	128.6	142.2	153.2	164.9	204.9	237.4	250.8	255.7
45°	100.1	118.3	141.5	161.7	177.5	192.3	230.3	285.0	307.9	328.5	381.0
42.5°	121.2	148.6	174.7	195.9	213.7	244.7	297.6	350.6	383.3	427.2	490.6
40°	148.1	178.9	209.1	230.6	252.8	299.8	365.3	421.3	456.0	514.9	587.1
37.5°	175.4	211.3	244.0	266.7	297.9	361.5	438.4	505.6	548.5	596.5	712.6
35°	202.4	244.5	278.0	308.4	347.1	434.7	529.5	604.2	657.3	739.4	886.4
32.5°	231.2	278.3	312.5	353.9	417.5	515.4	631.9	714.8	802.8	921.0	1156.4
30°	261.9	309.9	349.3	399.0	484.2	598.5	733.6	837.9	957.4	1149.3	1403.0
27.5°	292.4	341.4	389.9	453.2	546.8	670.3	811.4	975.8	1130.2	1344.8	1622.1
25°	321.8	373.5	429.7	506.2	607.4	736.7	890.7	1080.4	1282.0	1527.3	1853.0
22.5°	349.8	406.1	471.9	554.1	658.6	799.8	983.4	1206.2	1448.4	1702.6	2076.9
20°	377.3	442.5	518.0	610.0	705.7	857.9	1074.1	1343.9	1647.4	1995.7	2362.5
17.5°	404.5	478.5	565.6	667.9	783.9	939.6	1167.1	1488.3	1857.7	2310.9	2762.6
15°	431.1	513.7	611.7	725.1	862.7	1048.8	1307.2	1660.3	2106.6	2649.3	3184.3
12.5°	456.9	547.9	655.9	781.0	939.1	1151.6	1439.3	1820.1	2331.5	2979.9	3637.1
10°	481.7	580.7	697.9	834.9	1012.4	1247.3	1556.0	1958.4	2501.2	3169.5	3900.4
7.5°	494.3	602.9	733.7	886.2	1081.4	1335.1	1657.6	2075.3	2633.8	3321.9	4054.8
5°	503.2	613.1	747.1	906.6	1119.4	1394.8	1735.3	2170.9	2731.6	3436.6	4159.4
2.5°	510.1	620.3	757.0	918.2	1134.4	1414.7	1761.0	2204.2	2784.0	3496.4	4220.3
0°	514.9	624.8	763.0	924.8	1142.1	1424.4	1772.8	2218.1	2806.2	3510.2	4242.4
-2.5°	520.0	630.9	769.4	935.1	1152.9	1437.5	1785.8	2227.9	2822.9	3514.0	4254.4
-5°	522.9	634.2	771.9	940.0	1156.4	1440.0	1784.9	2218.5	2809.6	3486.4	4228.4
-7.5°	523.7	634.6	770.5	939.1	1152.0	1428.8	1766.0	2190.8	2763.8	3430.6	4164.5
-10°	522.5	631.8	765.4	930.5	1139.0	1405.6	1732.3	2142.9	2688.5	3338.4	4056.6
-12.5°	518.6	625.9	756.3	916.6	1118.1	1372.6	1684.8	2074.5	2584.0	3210.3	3904.5
-15°	512.5	617.1	743.1	897.4	1089.3	1330.2	1623.7	1985.7	2449.4	3047.5	3715.1
-17.5°	504.1	605.4	725.9	872.8	1052.5	1278.6	1549.9	1881.7	2304.2	2865.8	3504.6
-20°	493.3	590.8	704.6	843.0	1010.1	1224.3	1481.3	1789.7	2168.3	2657.7	3256.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	480.2	573.5	682.0	814.5	972.4	1167.9	1404.7	1685.4	2015.9	2417.1	2984.9
-25°	466.8	556.9	660.1	782.7	929.4	1104.0	1317.0	1572.7	1872.1	2239.3	2708.8
-27.5°	453.5	537.8	634.8	746.0	881.2	1038.1	1234.6	1467.7	1734.5	2046.8	2429.1
-30°	438.6	516.5	606.8	707.6	835.0	980.7	1150.5	1350.3	1587.5	1869.7	2202.0
-32.5°	422.3	493.6	579.8	674.3	785.5	918.1	1065.0	1245.7	1452.1	1684.9	1972.1
-35°	406.0	474.1	552.0	638.5	732.4	856.6	991.5	1141.4	1317.0	1523.2	1752.9
-37.5°	390.4	452.8	522.3	603.0	691.0	794.1	913.4	1048.7	1199.8	1363.8	1562.3
-40°	373.0	429.8	495.6	568.6	646.5	735.8	843.4	958.2	1088.3	1232.6	1385.9
-42.5°	354.0	408.6	468.7	531.6	603.1	682.9	772.1	877.1	985.2	1106.1	1239.9
-45°	335.5	385.6	440.6	498.1	558.2	628.7	709.7	797.0	892.9	991.6	1104.0
-47.5°	316.0	361.8	412.9	463.0	516.3	576.4	645.2	724.4	804.3	892.2	979.3
-50°	296.4	339.4	382.4	429.1	476.8	526.9	585.0	653.4	726.2	799.0	875.7
-52.5°	278.9	316.1	354.9	395.1	438.5	483.1	531.5	587.9	651.5	715.7	781.8
-55°	261.0	295.3	327.4	363.3	400.9	441.0	484.2	531.6	579.6	638.1	695.0
-57.5°	243.6	273.9	301.9	332.5	365.9	400.0	438.9	479.2	522.8	567.0	613.6
-60°	226.1	251.9	277.2	303.7	331.7	362.0	393.3	428.8	466.2	504.6	544.9
-62.5°	208.0	228.9	251.2	275.5	300.1	323.4	349.7	378.7	409.5	442.5	476.7
-65°	187.7	205.0	223.7	244.8	268.0	286.8	306.9	328.7	354.2	381.3	408.1
-67.5°	166.0	181.4	196.6	212.3	231.1	247.9	264.4	281.8	300.8	323.0	344.6
-70°	141.9	157.3	170.7	183.7	195.6	207.6	221.6	235.3	250.6	270.6	290.2
-72.5°	117.4	131.8	144.5	155.5	163.9	171.1	179.7	189.7	204.4	222.8	240.1
-75°	95.0	106.6	118.4	129.0	134.4	136.6	138.4	143.7	158.5	177.5	194.2
-77.5°	74.0	84.1	93.7	102.9	106.7	108.3	109.0	109.0	120.0	136.1	153.1
-80°	54.5	61.5	69.7	77.6	79.9	80.6	80.7	80.2	89.2	100.8	113.3
-82.5°	37.9	42.9	48.2	53.5	54.2	53.9	53.0	52.3	59.5	67.9	76.6
-85°	22.0	24.2	27.4	30.7	31.0	30.9	30.3	29.3	33.4	38.0	42.8
-87.5°	11.0	12.1	13.2	14.2	13.8	13.3	12.6	11.7	12.8	14.0	15.2
-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: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-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°	1.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.2	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1.2	1.0	0.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	0.6	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.2	1.2	0.9	0.6	0.3	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	1.6	1.5	1.1	1.0	1.1	1.2	1.0	0.8	0.8	0.9	1.0
60°	6.7	3.8	3.9	5.0	4.2	2.0	3.9	4.9	4.6	3.5	3.0
57.5°	33.9	28.4	19.8	33.2	34.2	23.8	25.9	33.8	32.7	25.3	25.2
55°	85.4	86.7	93.0	101.4	107.7	110.6	113.1	125.8	139.3	152.6	159.3
52.5°	141.1	157.6	178.1	191.7	201.2	220.6	247.9	260.4	272.5	286.3	296.3
50°	207.8	236.5	257.1	260.1	292.4	313.4	318.4	341.8	367.4	383.3	394.7
47.5°	309.1	345.4	363.3	374.8	414.2	457.4	457.5	470.9	534.9	568.4	584.5
45°	445.2	475.5	507.2	589.7	665.6	689.7	741.2	811.0	856.4	918.8	987.4
42.5°	561.2	617.9	697.5	788.4	864.4	927.7	1004.3	1088.2	1188.9	1283.7	1365.5
40°	675.9	746.1	844.7	943.6	1039.3	1127.1	1250.4	1358.3	1477.2	1607.6	1716.2
37.5°	825.5	915.6	1017.4	1142.0	1291.1	1388.4	1558.2	1713.2	1847.1	2004.5	2101.5
35°	1055.5	1172.8	1262.9	1514.8	1696.1	1810.1	2011.0	2265.7	2363.5	2561.8	2655.9
32.5°	1344.5	1500.4	1737.6	2071.3	2313.4	2523.1	2823.4	3081.9	3302.3	3501.4	3708.5
30°	1669.3	1909.8	2259.6	2702.9	2948.8	3242.5	3648.6	3955.1	4300.7	4680.0	4812.9
27.5°	1964.0	2324.3	2730.4	3089.4	3442.7	3808.5	4207.5	4601.2	4975.3	5290.9	5502.8
25°	2237.2	2673.6	3068.2	3451.9	3834.6	4246.6	4697.9	5144.5	5556.0	5880.8	6127.8
22.5°	2519.0	2980.0	3402.1	3791.5	4236.7	4703.5	5183.4	5695.7	6164.1	6501.1	6770.1
20°	2783.9	3296.6	3778.1	4221.4	4642.3	5181.1	5733.9	6277.2	6787.3	7188.7	7498.9
17.5°	3204.4	3649.4	4238.0	4813.8	5287.9	5783.0	6521.5	7082.3	7648.4	8129.1	8457.9
15°	3720.8	4210.2	4817.9	5608.7	6258.4	6825.6	7588.5	8500.9	9168.5	9782.1	10203.1
12.5°	4237.6	4791.1	5448.4	6338.5	7263.4	7931.5	8857.1	10013.2	10790.9	11740.9	12209.3
10°	4633.7	5328.8	6005.8	6818.0	7706.2	8657.6	9655.4	10737.0	11776.1	12591.9	13321.1
7.5°	4793.2	5533.6	6317.3	7146.0	8034.1	9016.0	10079.5	11204.9	12274.3	13185.5	13986.9
5°	4912.4	5671.0	6459.8	7307.2	8256.7	9282.1	10361.4	11542.9	12635.0	13611.7	14431.6
2.5°	4988.1	5753.9	6539.3	7400.8	8399.4	9455.2	10569.2	11782.1	12890.6	13896.0	14713.3
0°	5017.2	5771.9	6576.2	7463.2	8451.8	9510.0	10672.2	11899.3	13016.6	13988.6	14829.6
-2.5°	5021.2	5755.2	6578.6	7461.3	8407.2	9475.3	10651.5	11868.4	12963.0	13931.2	14779.6
-5°	4981.7	5715.5	6539.6	7408.9	8356.2	9416.2	10541.9	11717.9	12761.9	13704.0	14520.9
-7.5°	4901.8	5633.5	6439.5	7288.9	8210.6	9238.8	10320.0	11413.3	12437.4	13341.1	14120.6
-10°	4783.3	5499.6	6277.6	7105.2	7977.3	8955.4	9986.4	11030.9	11991.3	12827.0	13547.9
-12.5°	4622.7	5322.5	6065.5	6855.6	7667.4	8599.8	9573.3	10554.2	11429.6	12192.5	12839.3
-15°	4414.2	5097.7	5817.1	6564.3	7351.5	8194.8	9068.4	9968.2	10775.5	11452.1	12043.0
-17.5°	4168.6	4831.5	5514.7	6207.4	6954.3	7745.5	8556.4	9364.1	10052.6	10653.7	11194.0
-20°	3894.8	4533.5	5182.4	5828.1	6505.8	7237.6	7986.6	8696.0	9297.7	9843.8	10338.3



REPORT NUMBER: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3587.8	4199.1	4821.1	5425.4	6036.5	6699.1	7368.0	8009.6	8572.4	9039.6	9469.2
-25°	3259.1	3823.9	4411.3	4977.9	5540.4	6134.1	6741.7	7332.0	7827.3	8232.9	8588.0
-27.5°	2928.0	3444.1	3961.6	4495.0	5014.9	5562.8	6112.9	6622.7	7067.4	7440.9	7739.2
-30°	2579.9	3041.3	3513.9	3996.5	4492.9	4994.3	5491.4	5937.7	6325.9	6654.4	6912.3
-32.5°	2290.6	2641.1	3058.4	3496.5	3961.8	4418.6	4851.0	5257.9	5623.7	5910.5	6129.2
-35°	2013.3	2310.2	2622.7	3010.4	3410.2	3830.6	4228.3	4591.5	4917.6	5168.2	5373.9
-37.5°	1774.9	2009.7	2274.0	2550.8	2886.0	3233.5	3592.5	3934.0	4224.8	4443.4	4627.1
-40°	1568.6	1754.0	1965.2	2184.6	2431.3	2680.9	2993.4	3281.7	3519.0	3723.4	3889.8
-42.5°	1382.1	1538.5	1694.5	1874.5	2060.6	2261.3	2480.6	2693.8	2875.9	3047.0	3188.3
-45°	1221.1	1346.0	1470.3	1609.4	1746.0	1909.2	2065.9	2205.8	2353.3	2481.3	2582.1
-47.5°	1080.3	1177.7	1284.3	1388.3	1498.0	1621.0	1737.6	1843.9	1952.0	2045.7	2120.8
-50°	955.2	1035.9	1122.9	1204.7	1293.4	1383.3	1469.6	1554.2	1636.3	1707.5	1763.0
-52.5°	845.6	916.2	984.0	1049.1	1119.7	1186.2	1248.7	1318.5	1382.7	1438.9	1476.8
-55°	752.4	810.0	865.5	919.9	973.3	1023.7	1073.5	1127.7	1177.3	1221.9	1250.2
-57.5°	664.8	713.9	760.9	805.3	847.6	887.7	929.6	971.4	1009.6	1043.2	1065.1
-60°	585.2	625.3	665.9	702.2	736.3	768.4	803.6	837.0	867.8	893.7	908.9
-62.5°	512.2	548.1	578.1	606.8	635.8	664.7	689.8	714.4	738.2	758.2	771.4
-65°	435.9	466.3	491.9	514.9	535.7	558.1	579.4	598.8	615.9	629.0	637.3
-67.5°	367.6	390.0	410.5	428.8	447.4	465.3	481.7	496.4	509.3	518.4	524.4
-70°	308.3	325.4	342.2	358.8	375.3	389.3	401.2	412.2	422.1	426.3	428.1
-72.5°	256.2	271.4	286.1	300.8	314.5	325.4	334.2	342.2	349.5	343.2	332.3
-75°	208.9	222.3	236.0	249.0	261.2	269.5	276.0	282.0	287.4	273.9	255.3
-77.5°	170.3	182.0	192.2	202.3	212.3	217.6	221.7	225.8	229.7	214.6	195.5
-80°	126.3	135.8	144.4	152.9	161.2	164.4	166.3	167.5	168.2	155.3	140.4
-82.5°	85.3	90.2	95.0	99.9	105.0	107.7	109.7	111.2	112.3	103.2	92.9
-85°	47.8	49.3	50.5	51.4	52.2	53.9	55.5	57.0	58.3	54.0	49.2
-87.5°	16.5	16.4	16.4	16.2	16.0	16.1	16.1	16.0	15.9	15.3	14.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-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°	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
62.5°	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.0	0.9	0.8	0.8
60°	2.3	1.5	1.2	1.2	1.2	1.5	2.3	3.0	3.5	4.6	4.9
57.5°	23.5	20.5	18.4	16.5	18.4	20.5	23.5	25.2	25.3	32.7	33.8
55°	156.4	145.7	132.5	116.9	132.5	145.7	156.4	159.3	152.6	139.3	125.8
52.5°	306.8	317.0	322.9	322.4	322.9	317.0	306.8	296.3	286.3	272.5	260.4
50°	403.9	409.5	409.7	405.1	409.7	409.5	403.9	394.7	383.3	367.4	341.8
47.5°	591.8	584.0	570.7	556.3	570.7	584.0	591.8	584.5	568.4	534.9	470.9
45°	1032.6	1057.4	1055.8	1024.0	1055.8	1057.4	1032.6	987.4	918.8	856.4	811.0
42.5°	1411.1	1448.4	1474.7	1488.2	1474.7	1448.4	1411.1	1365.5	1283.7	1188.9	1088.2
40°	1777.4	1813.4	1829.2	1828.3	1829.2	1813.4	1777.4	1716.2	1607.6	1477.2	1358.3
37.5°	2164.4	2210.9	2233.5	2222.8	2233.5	2210.9	2164.4	2101.5	2004.5	1847.1	1713.2
35°	2696.6	2740.1	2741.0	2718.8	2741.0	2740.1	2696.6	2655.9	2561.8	2363.5	2265.7
32.5°	3872.9	3887.5	3775.4	3735.7	3775.4	3887.5	3872.9	3708.5	3501.4	3302.3	3081.9
30°	4945.1	5048.5	5144.6	5193.2	5144.6	5048.5	4945.1	4812.9	4680.0	4300.7	3955.1
27.5°	5662.5	5786.8	5863.9	5868.8	5863.9	5786.8	5662.5	5502.8	5290.9	4975.3	4601.2
25°	6314.9	6454.0	6537.9	6566.8	6537.9	6454.0	6314.9	6127.8	5880.8	5556.0	5144.5
22.5°	6998.4	7162.3	7270.9	7293.1	7270.9	7162.3	6998.4	6770.1	6501.1	6164.1	5695.7
20°	7791.5	7982.2	8086.3	8082.1	8086.3	7982.2	7791.5	7498.9	7188.7	6787.3	6277.2
17.5°	8835.5	9040.1	9130.0	9090.7	9130.0	9040.1	8835.5	8457.9	8129.1	7648.4	7082.3
15°	10635.2	11063.2	11061.5	10890.7	11061.5	11063.2	10635.2	10203.1	9782.1	9168.5	8500.9
12.5°	12855.2	13174.1	13501.4	13571.7	13501.4	13174.1	12855.2	12209.3	11740.9	10790.9	10013.2
10°	13935.3	14358.9	14638.5	14631.1	14638.5	14358.9	13935.3	13321.1	12591.9	11776.1	10737.0
7.5°	14611.2	15079.2	15417.9	15410.6	15417.9	15079.2	14611.2	13986.9	13185.5	12274.3	11204.9
5°	15132.7	15651.7	15951.8	15974.0	15951.8	15651.7	15132.7	14431.6	13611.7	12635.0	11542.9
2.5°	15403.6	15945.4	16306.1	16258.7	16306.1	15945.4	15403.6	14713.3	13896.0	12890.6	11782.1
0°	15516.9	16053.1	16389.8	16535.0	16389.8	16053.1	15516.9	14829.6	13988.6	13016.6	11899.3
-2.5°	15467.5	15989.2	16361.2	16375.6	16361.2	15989.2	15467.5	14779.6	13931.2	12963.0	11868.4
-5°	15202.4	15753.0	16002.3	16134.6	16002.3	15753.0	15202.4	14520.9	13704.0	12761.9	11717.9
-7.5°	14775.1	15187.7	15504.2	15650.4	15504.2	15187.7	14775.1	14120.6	13341.1	12437.4	11413.3
-10°	14109.9	14537.1	14804.6	14925.2	14804.6	14537.1	14109.9	13547.9	12827.0	11991.3	11030.9
-12.5°	13373.0	13761.2	14015.6	14117.4	14015.6	13761.2	13373.0	12839.3	12192.5	11429.6	10554.2
-15°	12550.9	12903.3	13137.4	13235.1	13137.4	12903.3	12550.9	12043.0	11452.1	10775.5	9968.2
-17.5°	11645.9	11954.7	12188.0	12258.4	12188.0	11954.7	11645.9	11194.0	10653.7	10052.6	9364.1
-20°	10715.3	10994.6	11186.7	11228.5	11186.7	10994.6	10715.3	10338.3	9843.8	9297.7	8696.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9777.7	10007.7	10163.7	10216.3	10163.7	10007.7	9777.7	9469.2	9039.6	8572.4	8009.6
-25°	8861.3	9059.8	9185.4	9232.5	9185.4	9059.8	8861.3	8588.0	8232.9	7827.3	7332.0
-27.5°	7980.0	8165.0	8280.4	8295.9	8280.4	8165.0	7980.0	7739.2	7440.9	7067.4	6622.7
-30°	7112.8	7265.7	7354.6	7392.3	7354.6	7265.7	7112.8	6912.3	6654.4	6325.9	5937.7
-32.5°	6302.4	6435.9	6515.8	6537.2	6515.8	6435.9	6302.4	6129.2	5910.5	5623.7	5257.9
-35°	5537.4	5660.7	5731.5	5725.8	5731.5	5660.7	5537.4	5373.9	5168.2	4917.6	4591.5
-37.5°	4779.0	4892.8	4957.1	4951.1	4957.1	4892.8	4779.0	4627.1	4443.4	4224.8	3934.0
-40°	4026.7	4124.9	4181.5	4195.2	4181.5	4124.9	4026.7	3889.8	3723.4	3519.0	3281.7
-42.5°	3305.9	3396.5	3441.8	3423.9	3441.8	3396.5	3305.9	3188.3	3047.0	2875.9	2693.8
-45°	2652.6	2699.5	2730.3	2749.5	2730.3	2699.5	2652.6	2582.1	2481.3	2353.3	2205.8
-47.5°	2175.8	2214.7	2235.6	2239.3	2235.6	2214.7	2175.8	2120.8	2045.7	1952.0	1843.9
-50°	1806.1	1839.1	1853.7	1849.6	1853.7	1839.1	1806.1	1763.0	1707.5	1636.3	1554.2
-52.5°	1504.1	1523.2	1536.2	1542.5	1536.2	1523.2	1504.1	1476.8	1438.9	1382.7	1318.5
-55°	1271.4	1286.3	1295.1	1298.0	1295.1	1286.3	1271.4	1250.2	1221.9	1177.3	1127.7
-57.5°	1083.2	1097.4	1102.6	1100.8	1102.6	1097.4	1083.2	1065.1	1043.2	1009.6	971.4
-60°	920.5	928.6	934.7	937.8	934.7	928.6	920.5	908.9	893.7	867.8	837.0
-62.5°	781.9	789.5	795.9	799.6	795.9	789.5	781.9	771.4	758.2	738.2	714.4
-65°	643.2	646.6	647.5	646.0	647.5	646.6	643.2	637.3	629.0	615.9	598.8
-67.5°	528.8	531.6	533.5	533.8	533.5	531.6	528.8	524.4	518.4	509.3	496.4
-70°	429.9	431.1	429.7	426.4	429.7	431.1	429.9	428.1	426.3	422.1	412.2
-72.5°	321.1	309.4	297.6	284.6	297.6	309.4	321.1	332.3	343.2	349.5	342.2
-75°	236.1	216.1	208.9	202.0	208.9	216.1	236.1	255.3	273.9	287.4	282.0
-77.5°	175.6	154.8	149.3	144.1	149.3	154.8	175.6	195.5	214.6	229.7	225.8
-80°	124.8	108.6	105.1	101.6	105.1	108.6	124.8	140.4	155.3	168.2	167.5
-82.5°	82.0	70.7	68.4	66.1	68.4	70.7	82.0	92.9	103.2	112.3	111.2
-85°	44.1	38.8	37.8	36.6	37.8	38.8	44.1	49.2	54.0	58.3	57.0
-87.5°	13.8	13.0	13.0	13.0	13.0	13.0	13.8	14.5	15.3	15.9	16.0
-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: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-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°	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0	0.9	0.9	0.8
85°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
82.5°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
80°	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.2	1.2	1.2	1.2
77.5°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
75°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
72.5°	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.2	1.2	1.2	1.2
70°	0.0	0.0	0.0	0.0	0.1	0.3	0.7	1.0	1.2	1.2	1.2
67.5°	0.0	0.0	0.2	0.5	0.6	0.6	0.5	0.6	0.9	1.2	1.2
65°	0.3	0.2	0.3	0.6	0.9	1.2	1.2	1.1	1.1	1.3	1.2
62.5°	1.0	1.2	1.1	1.0	1.1	1.5	1.6	1.6	1.5	1.8	2.7
60°	3.9	2.0	4.2	5.0	3.9	3.8	6.7	6.3	2.4	8.9	10.7
57.5°	25.9	23.8	34.2	33.2	19.8	28.4	33.9	22.8	15.8	25.2	30.3
55°	113.1	110.6	107.7	101.4	93.0	86.7	85.4	85.3	67.7	49.1	55.7
52.5°	247.9	220.6	201.2	191.7	178.1	157.6	141.1	137.8	133.7	110.7	91.4
50°	318.4	313.4	292.4	260.1	257.1	236.5	207.8	188.0	185.4	169.7	140.6
47.5°	457.5	457.4	414.2	374.8	363.3	345.4	309.1	255.7	250.8	237.4	204.9
45°	741.2	689.7	665.6	589.7	507.2	475.5	445.2	381.0	328.5	307.9	285.0
42.5°	1004.3	927.7	864.4	788.4	697.5	617.9	561.2	490.6	427.2	383.3	350.6
40°	1250.4	1127.1	1039.3	943.6	844.7	746.1	675.9	587.1	514.9	456.0	421.3
37.5°	1558.2	1388.4	1291.1	1142.0	1017.4	915.6	825.5	712.6	596.5	548.5	505.6
35°	2011.0	1810.1	1696.1	1514.8	1262.9	1172.8	1055.5	886.4	739.4	657.3	604.2
32.5°	2823.4	2523.1	2313.4	2071.3	1737.6	1500.4	1344.5	1156.4	921.0	802.8	714.8
30°	3648.6	3242.5	2948.8	2702.9	2259.6	1909.8	1669.3	1403.0	1149.3	957.4	837.9
27.5°	4207.5	3808.5	3442.7	3089.4	2730.4	2324.3	1964.0	1622.1	1344.8	1130.2	975.8
25°	4697.9	4246.6	3834.6	3451.9	3068.2	2673.6	2237.2	1853.0	1527.3	1282.0	1080.4
22.5°	5183.4	4703.5	4236.7	3791.5	3402.1	2980.0	2519.0	2076.9	1702.6	1448.4	1206.2
20°	5733.9	5181.1	4642.3	4221.4	3778.1	3296.6	2783.9	2362.5	1995.7	1647.4	1343.9
17.5°	6521.5	5783.0	5287.9	4813.8	4238.0	3649.4	3204.4	2762.6	2310.9	1857.7	1488.3
15°	7588.5	6825.6	6258.4	5608.7	4817.9	4210.2	3720.8	3184.3	2649.3	2106.6	1660.3
12.5°	8857.1	7931.5	7263.4	6338.5	5448.4	4791.1	4237.6	3637.1	2979.9	2331.5	1820.1
10°	9655.4	8657.6	7706.2	6818.0	6005.8	5328.8	4633.7	3900.4	3169.5	2501.2	1958.4
7.5°	10079.5	9016.0	8034.1	7146.0	6317.3	5533.6	4793.2	4054.8	3321.9	2633.8	2075.3
5°	10361.4	9282.1	8256.7	7307.2	6459.8	5671.0	4912.4	4159.4	3436.6	2731.6	2170.9
2.5°	10569.2	9455.2	8399.4	7400.8	6539.3	5753.9	4988.1	4220.3	3496.4	2784.0	2204.2
0°	10672.2	9510.0	8451.8	7463.2	6576.2	5771.9	5017.2	4242.4	3510.2	2806.2	2218.1
-2.5°	10651.5	9475.3	8407.2	7461.3	6578.6	5755.2	5021.2	4254.4	3514.0	2822.9	2227.9
-5°	10541.9	9416.2	8356.2	7408.9	6539.6	5715.5	4981.7	4228.4	3486.4	2809.6	2218.5
-7.5°	10320.0	9238.8	8210.6	7288.9	6439.5	5633.5	4901.8	4164.5	3430.6	2763.8	2190.8
-10°	9986.4	8955.4	7977.3	7105.2	6277.6	5499.6	4783.3	4056.6	3338.4	2688.5	2142.9
-12.5°	9573.3	8599.8	7667.4	6855.6	6065.5	5322.5	4622.7	3904.5	3210.3	2584.0	2074.5
-15°	9068.4	8194.8	7351.5	6564.3	5817.1	5097.7	4414.2	3715.1	3047.5	2449.4	1985.7
-17.5°	8556.4	7745.5	6954.3	6207.4	5514.7	4831.5	4168.6	3504.6	2865.8	2304.2	1881.7
-20°	7986.6	7237.6	6505.8	5828.1	5182.4	4533.5	3894.8	3256.2	2657.7	2168.3	1789.7



REPORT NUMBER: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7368.0	6699.1	6036.5	5425.4	4821.1	4199.1	3587.8	2984.9	2417.1	2015.9	1685.4
-25°	6741.7	6134.1	5540.4	4977.9	4411.3	3823.9	3259.1	2708.8	2239.3	1872.1	1572.7
-27.5°	6112.9	5562.8	5014.9	4495.0	3961.6	3444.1	2928.0	2429.1	2046.8	1734.5	1467.7
-30°	5491.4	4994.3	4492.9	3996.5	3513.9	3041.3	2579.9	2202.0	1869.7	1587.5	1350.3
-32.5°	4851.0	4418.6	3961.8	3496.5	3058.4	2641.1	2290.6	1972.1	1684.9	1452.1	1245.7
-35°	4228.3	3830.6	3410.2	3010.4	2622.7	2310.2	2013.3	1752.9	1523.2	1317.0	1141.4
-37.5°	3592.5	3233.5	2886.0	2550.8	2274.0	2009.7	1774.9	1562.3	1363.8	1199.8	1048.7
-40°	2993.4	2680.9	2431.3	2184.6	1965.2	1754.0	1568.6	1385.9	1232.6	1088.3	958.2
-42.5°	2480.6	2261.3	2060.6	1874.5	1694.5	1538.5	1382.1	1239.9	1106.1	985.2	877.1
-45°	2065.9	1909.2	1746.0	1609.4	1470.3	1346.0	1221.1	1104.0	991.6	892.9	797.0
-47.5°	1737.6	1621.0	1498.0	1388.3	1284.3	1177.7	1080.3	979.3	892.2	804.3	724.4
-50°	1469.6	1383.3	1293.4	1204.7	1122.9	1035.9	955.2	875.7	799.0	726.2	653.4
-52.5°	1248.7	1186.2	1119.7	1049.1	984.0	916.2	845.6	781.8	715.7	651.5	587.9
-55°	1073.5	1023.7	973.3	919.9	865.5	810.0	752.4	695.0	638.1	579.6	531.6
-57.5°	929.6	887.7	847.6	805.3	760.9	713.9	664.8	613.6	567.0	522.8	479.2
-60°	803.6	768.4	736.3	702.2	665.9	625.3	585.2	544.9	504.6	466.2	428.8
-62.5°	689.8	664.7	635.8	606.8	578.1	548.1	512.2	476.7	442.5	409.5	378.7
-65°	579.4	558.1	535.7	514.9	491.9	466.3	435.9	408.1	381.3	354.2	328.7
-67.5°	481.7	465.3	447.4	428.8	410.5	390.0	367.6	344.6	323.0	300.8	281.8
-70°	401.2	389.3	375.3	358.8	342.2	325.4	308.3	290.2	270.6	250.6	235.3
-72.5°	334.2	325.4	314.5	300.8	286.1	271.4	256.2	240.1	222.8	204.4	189.7
-75°	276.0	269.5	261.2	249.0	236.0	222.3	208.9	194.2	177.5	158.5	143.7
-77.5°	221.7	217.6	212.3	202.3	192.2	182.0	170.3	153.1	136.1	120.0	109.0
-80°	166.3	164.4	161.2	152.9	144.4	135.8	126.3	113.3	100.8	89.2	80.2
-82.5°	109.7	107.7	105.0	99.9	95.0	90.2	85.3	76.6	67.9	59.5	52.3
-85°	55.5	53.9	52.2	51.4	50.5	49.3	47.8	42.8	38.0	33.4	29.3
-87.5°	16.1	16.1	16.0	16.2	16.4	16.4	16.5	15.2	14.0	12.8	11.7
-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: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-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°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.0	0.9	0.8	0.7
82.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
80°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.5	1.5	1.2	1.2
65°	1.2	1.2	1.3	1.8	1.6	1.2	1.2	2.3	1.9	1.7	1.2
62.5°	2.3	1.2	3.1	4.1	2.6	2.1	1.7	4.9	3.2	2.2	1.6
60°	5.4	4.4	8.3	12.6	9.1	3.5	5.2	8.5	7.8	2.8	2.2
57.5°	27.4	12.5	18.5	24.0	22.9	12.8	10.4	14.5	13.1	7.7	3.0
55°	56.7	48.3	38.4	38.2	38.6	30.5	21.7	22.4	19.8	14.1	4.5
52.5°	86.2	83.6	74.4	60.6	55.6	50.3	41.1	31.8	29.5	21.0	11.1
50°	122.9	116.2	108.9	94.8	76.8	69.8	60.4	48.5	40.1	29.4	18.3
47.5°	164.9	153.2	142.2	128.6	108.9	90.3	79.8	65.8	51.9	40.4	25.7
45°	230.3	192.3	177.5	161.7	141.5	118.3	100.1	82.9	67.2	51.5	33.1
42.5°	297.6	244.7	213.7	195.9	174.7	148.6	121.2	101.9	82.3	62.5	41.8
40°	365.3	299.8	252.8	230.6	209.1	178.9	148.1	121.7	97.1	74.0	51.4
37.5°	438.4	361.5	297.9	266.7	244.0	211.3	175.4	142.0	112.3	86.4	60.8
35°	529.5	434.7	347.1	308.4	278.0	244.5	202.4	164.0	130.4	98.8	70.1
32.5°	631.9	515.4	417.5	353.9	312.5	278.3	231.2	188.8	149.1	111.3	79.2
30°	733.6	598.5	484.2	399.0	349.3	309.9	261.9	213.8	168.1	123.7	88.5
27.5°	811.4	670.3	546.8	453.2	389.9	341.4	292.4	238.9	187.5	137.4	98.7
25°	890.7	736.7	607.4	506.2	429.7	373.5	321.8	263.9	208.1	153.2	108.6
22.5°	983.4	799.8	658.6	554.1	471.9	406.1	349.8	289.4	228.9	168.8	118.3
20°	1074.1	857.9	705.7	610.0	518.0	442.5	377.3	313.6	249.3	184.1	127.6
17.5°	1167.1	939.6	783.9	667.9	565.6	478.5	404.5	336.5	269.1	199.1	136.6
15°	1307.2	1048.8	862.7	725.1	611.7	513.7	431.1	358.2	288.1	213.5	144.6
12.5°	1439.3	1151.6	939.1	781.0	655.9	547.9	456.9	378.4	306.4	225.5	151.2
10°	1556.0	1247.3	1012.4	834.9	697.9	580.7	481.7	394.4	317.1	235.0	157.2
7.5°	1657.6	1335.1	1081.4	886.2	733.7	602.9	494.3	402.7	325.3	243.4	162.4
5°	1735.3	1394.8	1119.4	906.6	747.1	613.1	503.2	409.4	331.8	250.6	166.9
2.5°	1761.0	1414.7	1134.4	918.2	757.0	620.3	510.1	414.6	336.7	256.5	170.6
0°	1772.8	1424.4	1142.1	924.8	763.0	624.8	514.9	418.1	340.1	261.0	173.6
-2.5°	1785.8	1437.5	1152.9	935.1	769.4	630.9	520.0	423.6	345.0	266.1	178.6
-5°	1784.9	1440.0	1156.4	940.0	771.9	634.2	522.9	427.6	348.6	269.8	182.8
-7.5°	1766.0	1428.8	1152.0	939.1	770.5	634.6	523.7	429.9	350.8	272.2	186.1
-10°	1732.3	1405.6	1139.0	930.5	765.4	631.8	522.5	430.6	351.6	273.2	188.4
-12.5°	1684.8	1372.6	1118.1	916.6	756.3	625.9	518.6	428.6	351.1	272.9	189.8
-15°	1623.7	1330.2	1089.3	897.4	743.1	617.1	512.5	424.5	348.1	270.9	190.1
-17.5°	1549.9	1278.6	1052.5	872.8	725.9	605.4	504.1	418.7	343.9	267.4	189.7
-20°	1481.3	1224.3	1010.1	843.0	704.6	590.8	493.3	411.3	338.7	263.1	188.8

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1404.7	1167.9	972.4	814.5	682.0	573.5	480.2	402.4	332.6	257.9	187.1
-25°	1317.0	1104.0	929.4	782.7	660.1	556.9	466.8	391.9	325.5	252.0	184.6
-27.5°	1234.6	1038.1	881.2	746.0	634.8	537.8	453.5	382.3	317.3	245.4	181.3
-30°	1150.5	980.7	835.0	707.6	606.8	516.5	438.6	371.9	308.1	239.6	177.3
-32.5°	1065.0	918.1	785.5	674.3	579.8	493.6	422.3	360.7	298.4	233.9	173.9
-35°	991.5	856.6	732.4	638.5	552.0	474.1	406.0	348.9	288.5	227.4	170.3
-37.5°	913.4	794.1	691.0	603.0	522.3	452.8	390.4	334.9	278.3	220.1	165.9
-40°	843.4	735.8	646.5	568.6	495.6	429.8	373.0	320.1	268.7	212.2	160.8
-42.5°	772.1	682.9	603.1	531.6	468.7	408.6	354.0	304.2	256.4	204.8	155.0
-45°	709.7	628.7	558.2	498.1	440.6	385.6	335.5	287.8	243.1	197.3	148.9
-47.5°	645.2	576.4	516.3	463.0	412.9	361.8	316.0	272.5	229.4	188.8	142.6
-50°	585.0	526.9	476.8	429.1	382.4	339.4	296.4	256.8	216.9	177.7	135.6
-52.5°	531.5	483.1	438.5	395.1	354.9	316.1	278.9	240.9	203.9	166.7	127.8
-55°	484.2	441.0	400.9	363.3	327.4	295.3	261.0	225.9	190.3	155.3	119.4
-57.5°	438.9	400.0	365.9	332.5	301.9	273.9	243.6	210.3	176.6	143.3	112.0
-60°	393.3	362.0	331.7	303.7	277.2	251.9	226.1	194.3	162.4	131.0	103.1
-62.5°	349.7	323.4	300.1	275.5	251.2	228.9	208.0	177.7	147.6	118.9	93.2
-65°	306.9	286.8	268.0	244.8	223.7	205.0	187.7	160.5	132.1	106.0	82.9
-67.5°	264.4	247.9	231.1	212.3	196.6	181.4	166.0	141.5	115.6	92.3	72.4
-70°	221.6	207.6	195.6	183.7	170.7	157.3	141.9	121.0	98.4	79.4	61.6
-72.5°	179.7	171.1	163.9	155.5	144.5	131.8	117.4	100.3	82.8	66.1	50.4
-75°	138.4	136.6	134.4	129.0	118.4	106.6	95.0	81.9	66.8	52.4	41.1
-77.5°	109.0	108.3	106.7	102.9	93.7	84.1	74.0	63.0	51.5	41.6	32.3
-80°	80.7	80.6	79.9	77.6	69.7	61.5	54.5	47.5	39.0	31.0	23.3
-82.5°	53.0	53.9	54.2	53.5	48.2	42.9	37.9	32.8	26.3	20.1	15.6
-85°	30.3	30.9	31.0	30.7	27.4	24.2	22.0	19.9	16.4	13.3	10.5
-87.5°	12.6	13.3	13.8	14.2	13.2	12.1	11.0	10.0	8.2	6.7	5.2
-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: P627552 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
80°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
77.5°	1.2	1.2	1.0	0.8	0.5	0.3	0.0
75°	1.2	1.2	1.2	0.9	0.6	0.3	0.0
72.5°	1.2	1.2	1.2	1.1	0.7	0.4	0.0
70°	1.2	1.2	1.2	1.2	0.8	0.4	0.0
67.5°	1.3	1.2	1.2	1.2	0.9	0.5	0.0
65°	1.4	1.3	1.2	1.2	1.0	0.5	0.0
62.5°	1.6	1.6	1.2	1.2	1.1	0.6	0.0
60°	1.9	1.9	1.2	1.2	1.2	0.6	0.0
57.5°	3.2	2.2	1.5	1.2	1.2	0.6	0.0
55°	4.9	2.6	1.9	1.2	1.2	0.7	0.0
52.5°	6.8	3.3	2.3	1.2	1.3	0.7	0.0
50°	9.0	5.3	2.6	1.2	1.3	0.8	0.0
47.5°	12.0	7.5	3.0	1.3	1.3	0.8	0.0
45°	18.4	9.8	3.5	1.6	1.3	0.8	0.0
42.5°	24.8	12.3	3.9	1.9	1.4	0.9	0.0
40°	31.1	14.8	5.1	2.3	1.4	0.9	0.0
37.5°	37.4	17.6	7.2	2.8	1.5	1.0	0.0
35°	43.6	21.8	9.2	3.4	1.5	1.0	0.0
32.5°	50.2	26.7	11.3	4.0	1.6	1.0	0.0
30°	57.6	31.6	13.3	4.6	1.6	1.0	0.0
27.5°	64.8	36.2	15.7	5.3	1.7	1.1	0.0
25°	71.7	40.7	18.1	6.0	1.8	1.1	0.0
22.5°	78.3	45.1	20.4	6.7	1.8	1.1	0.0
20°	84.6	49.3	22.7	7.5	1.9	1.1	0.0
17.5°	90.5	53.3	24.8	8.2	2.0	1.1	0.0
15°	95.8	57.1	26.9	9.0	2.0	1.2	0.0
12.5°	100.7	60.5	28.9	9.7	2.1	1.2	0.0
10°	105.2	63.7	30.7	10.4	2.2	1.2	0.0
7.5°	109.2	66.6	32.4	11.1	2.2	1.2	0.0
5°	112.6	69.1	34.0	11.8	2.3	1.2	0.0
2.5°	115.6	71.3	35.4	12.4	2.3	1.2	0.0
0°	118.1	73.2	36.6	13.0	2.4	1.2	0.0
-2.5°	121.3	75.5	38.3	13.8	2.8	1.3	0.0
-5°	124.0	77.5	39.8	14.6	3.1	1.3	0.0
-7.5°	126.1	79.0	41.0	15.3	3.4	1.4	0.0
-10°	127.6	80.2	42.0	15.9	3.8	1.5	0.0
-12.5°	128.5	81.0	42.8	16.4	4.1	1.5	0.0
-15°	128.8	81.4	43.3	16.8	4.4	1.6	0.0
-17.5°	128.4	81.3	43.6	17.1	4.6	1.6	0.0
-20°	128.0	80.9	43.5	17.3	4.9	1.7	0.0

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CATALOG NUMBER: GFLD-SA5B-722-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	128.1	80.0	43.2	17.4	5.1	1.7	0.0
-25°	127.5	79.7	42.5	17.4	5.3	1.8	0.0
-27.5°	126.3	79.4	41.5	17.3	5.4	1.8	0.0
-30°	124.5	78.5	40.4	17.1	5.6	1.8	0.0
-32.5°	122.0	77.2	39.8	16.7	5.6	1.8	0.0
-35°	119.6	75.3	39.0	16.2	5.7	1.8	0.0
-37.5°	116.9	73.3	37.8	15.6	5.7	1.8	0.0
-40°	113.5	71.5	36.3	14.8	5.7	1.8	0.0
-42.5°	109.5	69.3	35.2	14.1	5.6	1.8	0.0
-45°	104.8	66.6	34.6	13.6	5.5	1.7	0.0
-47.5°	99.5	63.4	33.5	12.9	5.4	1.7	0.0
-50°	94.9	59.8	32.1	12.6	5.3	1.6	0.0
-52.5°	89.9	55.8	30.3	12.5	5.0	1.6	0.0
-55°	84.3	52.5	28.2	12.1	4.8	1.5	0.0
-57.5°	78.3	49.0	25.8	11.6	4.5	1.4	0.0
-60°	71.8	44.9	23.1	11.0	4.2	1.4	0.0
-62.5°	65.5	40.4	21.5	10.2	4.0	1.3	0.0
-65°	58.6	35.4	19.7	9.3	3.7	1.2	0.0
-67.5°	51.1	31.0	17.6	8.3	3.4	1.1	0.0
-70°	43.1	27.2	15.3	7.1	3.1	1.0	0.0
-72.5°	36.6	23.1	12.8	6.3	2.7	0.9	0.0
-75°	30.1	18.7	10.2	5.5	2.4	0.7	0.0
-77.5°	23.2	14.1	8.4	4.7	2.0	0.6	0.0
-80°	16.0	10.8	6.8	3.8	1.6	0.5	0.0
-82.5°	11.8	8.2	5.2	2.9	1.2	0.4	0.0
-85°	7.9	5.5	3.5	1.9	0.8	0.3	0.0
-87.5°	4.0	2.8	1.7	1.0	0.4	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)