

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: P627153 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-730-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627153 (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-SA3C-730-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N69
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

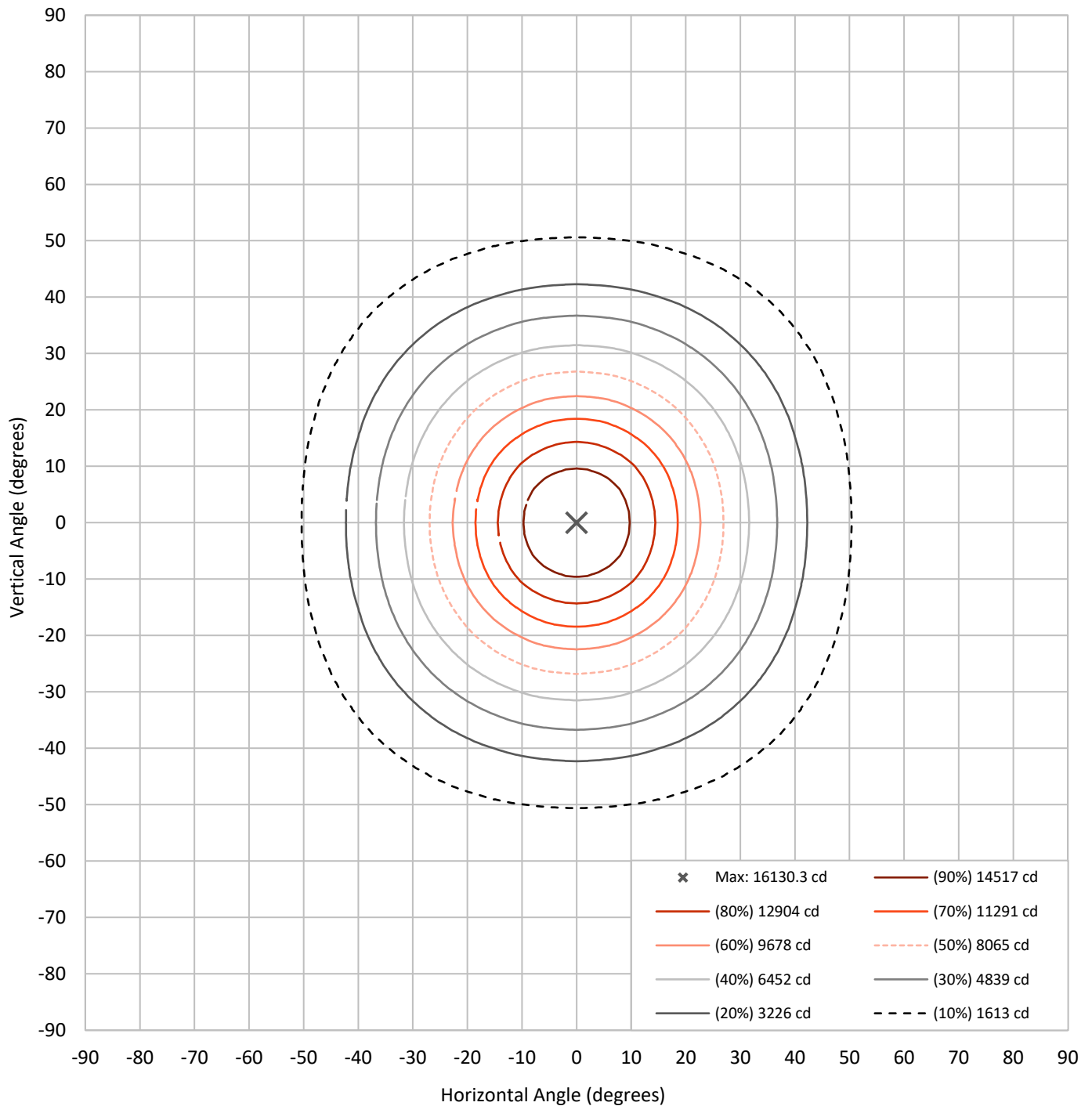
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	16416.8 lumens	Max Intensity:	16130.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	7849.6 lumens	Field Lumens:	14488.5 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	121.7		
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





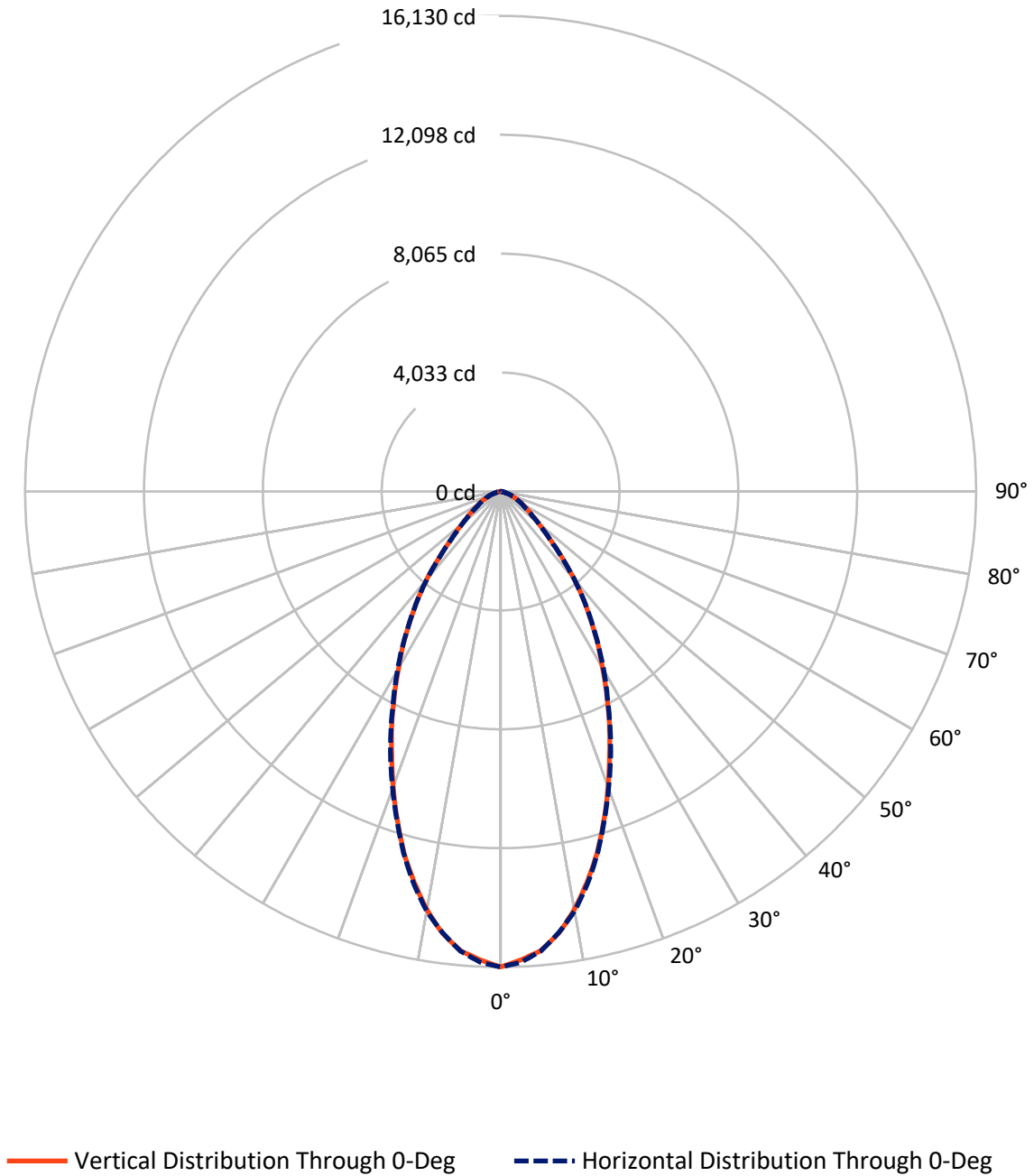
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Lumen Table

90																			
80	0.6	4.5		10.3		17.2		14.7		17.2		10.3		4.5		0.6			
70																			
60	2.1	2.5	4.7	7.5	10.9	14.2	16.7	17.9	17.9	16.7	14.2	10.9	7.5	4.7	2.5	2.1			
50		3.5	7.1	12.3	18.9	26.0	32.4	36.2	36.2	32.4	26.0	18.9	12.3	7.1	3.5				
40	3.1	4.5	9.8	18.4	31.0	47.7	65.7	77.7	77.7	65.7	47.7	31.0	18.4	9.8	4.5	3.1			
30		5.5	12.9	26.7	52.0	92.4	134.2	159.2	159.2	134.2	92.4	52.0	26.7	12.9	5.5				
20	3.7	6.4	16.1	37.4	84.1	151.2	216.4	258.6	258.6	216.4	151.2	84.1	37.4	16.1	6.4	3.7			
10		7.1	18.8	48.5	114.8	204.2	301.4	370.8	370.8	301.4	204.2	114.8	48.5	18.8	7.1				
0	3.9	7.5	20.4	55.7	132.2	237.4	361.2	454.3	454.3	361.2	237.4	132.2	55.7	20.4	7.5	3.9			
-10		7.5	20.4	55.7	132.2	237.4	361.2	454.3	454.3	361.2	237.4	132.2	55.7	20.4	7.5				
-20	3.7	7.1	18.8	48.5	114.8	204.2	301.4	370.8	370.8	301.4	204.2	114.8	48.5	18.8	7.1	3.7			
-30		6.4	16.1	37.4	84.1	151.2	216.4	258.6	258.6	216.4	151.2	84.1	37.4	16.1	6.4				
-40	3.1	5.5	12.9	26.7	52.0	92.4	134.2	159.2	159.2	134.2	92.4	52.0	26.7	12.9	5.5	3.1			
-50		4.5	9.8	18.4	31.0	47.7	65.7	77.7	77.7	65.7	47.7	31.0	18.4	9.8	4.5				
-60	2.1	3.5	7.1	12.3	18.9	26.0	32.4	36.2	36.2	32.4	26.0	18.9	12.3	7.1	3.5	2.1			
-70		2.5	4.7	7.5	10.9	14.2	16.7	17.9	17.9	16.7	14.2	10.9	7.5	4.7	2.5				
-80																			
-90	0.6	4.5		10.3		17.2		14.7		17.2		10.3		4.5		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

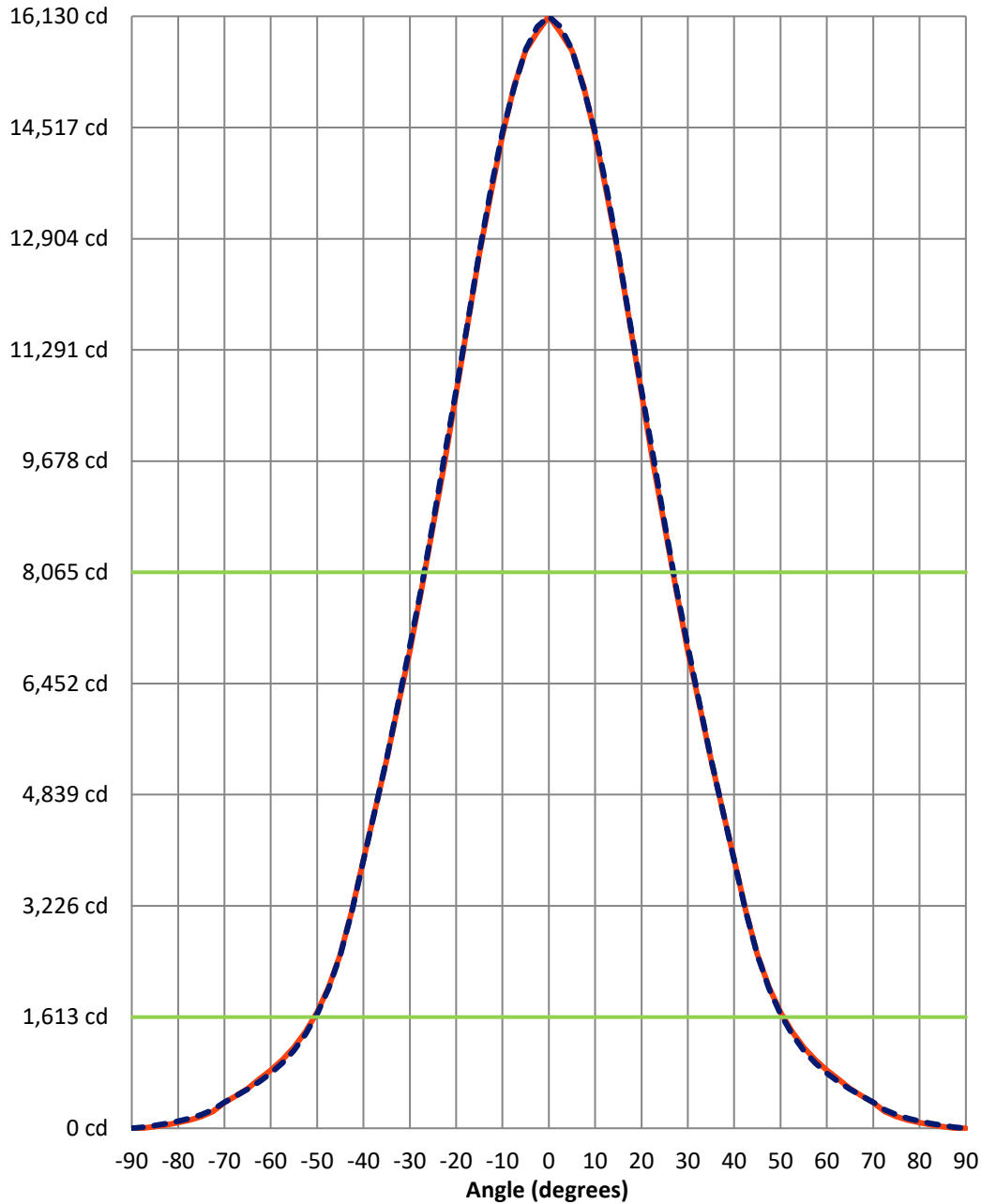
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 7849.6
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 14488.5
 Efficiency: 88.3%

Spill:
 Lumens: 1928.4
 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	0.8	1.9	3.1	4.5	6.0	7.7	8.5	9.1	9.7	10.1
85°	0.0	1.6	3.8	6.2	8.9	11.9	15.3	16.9	18.3	19.4	20.2
82.5°	0.0	2.5	5.6	9.2	13.3	17.8	22.8	25.4	28.0	32.5	36.4
80°	0.0	3.3	7.5	12.3	17.6	23.7	31.0	38.6	45.1	51.0	56.2
77.5°	0.0	4.1	9.3	15.2	21.9	30.8	44.3	54.1	62.3	69.6	76.9
75°	0.0	4.9	11.1	18.2	26.6	40.3	57.2	69.6	79.4	89.3	99.9
72.5°	0.0	5.6	12.9	21.1	32.9	49.5	69.7	84.7	96.5	109.1	122.6
70°	0.0	6.4	14.6	24.1	39.0	58.3	81.6	99.1	113.4	128.7	146.7
67.5°	0.0	7.1	16.3	27.8	44.9	66.7	91.9	113.1	129.9	148.9	170.5
65°	0.0	7.9	17.9	31.4	50.5	74.4	101.7	126.8	146.2	168.4	193.1
62.5°	0.0	8.6	19.4	34.8	55.7	81.5	110.9	139.8	161.8	187.1	214.0
60°	0.0	9.2	20.9	38.0	60.6	88.2	119.6	152.1	176.8	205.1	234.4
57.5°	0.0	9.9	22.7	40.9	65.2	94.4	127.4	163.2	191.9	222.6	253.1
55°	0.0	10.5	24.5	43.7	69.4	100.1	134.6	172.1	206.6	239.3	271.0
52.5°	0.0	11.1	26.1	46.2	73.3	105.3	141.2	181.7	220.8	255.3	288.6
50°	0.0	11.7	27.7	48.5	76.9	110.1	147.2	190.7	234.5	270.9	307.8
47.5°	0.0	12.2	29.3	50.5	80.0	114.4	152.8	198.9	248.0	286.0	326.7
45°	0.0	12.7	30.7	52.6	82.8	118.3	159.0	206.3	257.7	302.4	344.9
42.5°	0.0	13.2	32.1	54.4	85.2	121.6	164.6	213.6	266.6	318.1	363.9
40°	0.0	13.7	33.4	56.4	87.4	124.4	169.5	220.6	275.3	332.8	382.1
37.5°	0.0	14.1	34.6	58.4	89.3	126.7	173.7	227.0	284.9	344.4	399.5
35°	0.0	14.4	35.7	60.3	90.9	129.3	177.2	232.7	294.2	357.1	417.2
32.5°	0.0	14.8	36.7	62.0	92.1	131.8	180.3	237.7	302.9	370.1	435.4
30°	0.0	15.1	37.6	63.5	92.9	133.7	183.9	242.5	311.2	383.1	452.5
27.5°	0.0	15.4	38.4	64.9	94.9	135.0	186.8	248.5	319.8	396.2	468.5
25°	0.0	15.6	39.1	66.1	96.8	135.8	189.1	253.9	329.5	409.0	483.5
22.5°	0.0	15.8	39.8	67.1	98.5	136.9	190.7	258.6	338.7	420.8	499.8
20°	0.0	16.0	40.3	67.9	100.0	139.4	191.6	262.6	347.4	431.4	514.5
17.5°	0.0	16.1	40.7	68.6	101.2	141.4	193.7	265.9	355.4	440.8	527.4
15°	0.0	16.2	41.1	69.0	102.2	143.0	196.3	268.9	362.6	448.8	538.5
12.5°	0.0	16.2	41.3	69.4	102.9	144.2	198.2	271.7	368.7	455.5	547.7
10°	0.0	16.2	41.4	69.5	103.3	144.9	199.3	273.2	373.4	461.1	555.2
7.5°	0.0	16.2	41.5	69.5	103.5	145.2	199.8	273.5	376.7	465.5	561.0
5°	0.0	16.2	41.4	69.3	103.5	145.1	199.6	272.7	378.6	468.4	564.8
2.5°	0.0	16.1	41.3	68.9	103.2	144.5	198.7	270.8	378.8	469.8	566.7
0°	0.0	16.0	41.0	68.4	102.6	143.6	197.2	267.9	377.4	469.7	566.6
-2.5°	0.0	16.1	41.3	68.9	103.2	144.5	198.7	270.8	378.8	469.8	566.7
-5°	0.0	16.2	41.4	69.3	103.5	145.1	199.6	272.7	378.6	468.4	564.8
-7.5°	0.0	16.2	41.5	69.5	103.5	145.2	199.8	273.5	376.7	465.5	561.0
-10°	0.0	16.2	41.4	69.5	103.3	144.9	199.3	273.2	373.4	461.1	555.2
-12.5°	0.0	16.2	41.3	69.4	102.9	144.2	198.2	271.7	368.7	455.5	547.7
-15°	0.0	16.2	41.1	69.0	102.2	143.0	196.3	268.9	362.6	448.8	538.5
-17.5°	0.0	16.1	40.7	68.6	101.2	141.4	193.7	265.9	355.4	440.8	527.4
-20°	0.0	16.0	40.3	67.9	100.0	139.4	191.6	262.6	347.4	431.4	514.5

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CATALOG NUMBER: GFLD-SA3C-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.8	39.8	67.1	98.5	136.9	190.7	258.6	338.7	420.8	499.8
-25°	0.0	15.6	39.1	66.1	96.8	135.8	189.1	253.9	329.5	409.0	483.5
-27.5°	0.0	15.4	38.4	64.9	94.9	135.0	186.8	248.5	319.8	396.2	468.5
-30°	0.0	15.1	37.6	63.5	92.9	133.7	183.9	242.5	311.2	383.1	452.5
-32.5°	0.0	14.8	36.7	62.0	92.1	131.8	180.3	237.7	302.9	370.1	435.4
-35°	0.0	14.4	35.7	60.3	90.9	129.3	177.2	232.7	294.2	357.1	417.2
-37.5°	0.0	14.1	34.6	58.4	89.3	126.7	173.7	227.0	284.9	344.4	399.5
-40°	0.0	13.7	33.4	56.4	87.4	124.4	169.5	220.6	275.3	332.8	382.1
-42.5°	0.0	13.2	32.1	54.4	85.2	121.6	164.6	213.6	266.6	318.1	363.9
-45°	0.0	12.7	30.7	52.6	82.8	118.3	159.0	206.3	257.7	302.4	344.9
-47.5°	0.0	12.2	29.3	50.5	80.0	114.4	152.8	198.9	248.0	286.0	326.7
-50°	0.0	11.7	27.7	48.5	76.9	110.1	147.2	190.7	234.5	270.9	307.8
-52.5°	0.0	11.1	26.1	46.2	73.3	105.3	141.2	181.7	220.8	255.3	288.6
-55°	0.0	10.5	24.5	43.7	69.4	100.1	134.6	172.1	206.6	239.3	271.0
-57.5°	0.0	9.9	22.7	40.9	65.2	94.4	127.4	163.2	191.9	222.6	253.1
-60°	0.0	9.2	20.9	38.0	60.6	88.2	119.6	152.1	176.8	205.1	234.4
-62.5°	0.0	8.6	19.4	34.8	55.7	81.5	110.9	139.8	161.8	187.1	214.0
-65°	0.0	7.9	17.9	31.4	50.5	74.4	101.7	126.8	146.2	168.4	193.1
-67.5°	0.0	7.1	16.3	27.8	44.9	66.7	91.9	113.1	129.9	148.9	170.5
-70°	0.0	6.4	14.6	24.1	39.0	58.3	81.6	99.1	113.4	128.7	146.7
-72.5°	0.0	5.6	12.9	21.1	32.9	49.5	69.7	84.7	96.5	109.1	122.6
-75°	0.0	4.9	11.1	18.2	26.6	40.3	57.2	69.6	79.4	89.3	99.9
-77.5°	0.0	4.1	9.3	15.2	21.9	30.8	44.3	54.1	62.3	69.6	76.9
-80°	0.0	3.3	7.5	12.3	17.6	23.7	31.0	38.6	45.1	51.0	56.2
-82.5°	0.0	2.5	5.6	9.2	13.3	17.8	22.8	25.4	28.0	32.5	36.4
-85°	0.0	1.6	3.8	6.2	8.9	11.9	15.3	16.9	18.3	19.4	20.2
-87.5°	0.0	0.8	1.9	3.1	4.5	6.0	7.7	8.5	9.1	9.7	10.1
-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°	10.3	10.3	10.1	9.8	9.4	8.8	8.1	7.3	7.6	7.9	8.2
85°	20.5	20.5	22.2	23.8	24.6	24.7	24.2	23.1	26.1	29.6	33.2
82.5°	40.1	43.6	46.9	50.0	50.3	49.5	48.0	46.2	52.3	59.6	67.4
80°	61.5	66.6	72.6	78.1	79.4	78.8	77.1	74.3	82.3	93.7	106.0
77.5°	85.4	93.5	101.1	108.1	110.1	109.8	108.5	106.3	116.5	132.2	148.6
75°	110.5	120.4	130.2	138.7	142.4	142.7	142.3	144.8	158.2	176.6	192.9
72.5°	136.7	149.3	160.3	169.8	175.7	180.2	186.2	193.5	207.1	225.2	241.2
70°	164.5	178.4	190.1	200.5	209.6	219.5	232.1	244.6	258.9	277.0	293.6
67.5°	191.8	206.0	219.1	232.0	248.5	264.3	280.0	296.3	314.4	333.4	350.1
65°	217.2	233.2	249.2	267.9	289.3	307.2	326.6	347.9	371.6	392.9	412.4
62.5°	241.5	259.6	279.4	302.0	325.2	347.6	373.6	401.0	428.6	455.4	482.0
60°	262.1	284.6	308.6	334.2	360.9	391.5	421.9	454.5	487.5	519.7	552.6
57.5°	281.9	309.6	337.3	367.1	400.5	435.4	472.0	508.6	548.0	587.1	624.4
55°	302.4	335.1	366.6	401.9	440.2	481.1	522.4	566.8	610.4	659.5	704.9
52.5°	324.3	359.8	397.0	437.4	482.0	528.2	576.6	627.5	681.8	736.4	791.8
50°	345.7	385.8	427.1	475.4	525.4	578.1	634.0	693.3	756.5	819.7	886.8
47.5°	368.0	410.8	461.3	513.8	571.0	631.0	694.3	764.8	835.0	914.7	991.6
45°	390.1	439.3	494.0	555.0	617.8	685.4	760.7	838.1	927.8	1017.8	1118.8
42.5°	411.3	468.0	529.8	595.0	666.4	744.1	827.4	924.8	1026.0	1137.3	1255.8
40°	435.6	495.4	565.0	637.8	715.3	804.1	904.4	1012.6	1135.9	1267.7	1402.5
37.5°	459.1	526.4	599.8	678.7	768.7	868.7	979.5	1112.0	1254.3	1404.2	1587.5
35°	481.3	555.9	635.6	722.1	819.5	935.4	1067.9	1214.3	1378.3	1571.7	1785.6
32.5°	504.7	583.8	669.3	766.5	876.7	1003.3	1153.7	1326.1	1520.2	1740.4	2008.0
30°	528.4	612.5	702.9	808.0	930.7	1077.2	1248.1	1438.6	1661.9	1938.1	2252.2
27.5°	550.3	639.3	738.4	852.0	983.1	1145.3	1338.7	1562.0	1825.1	2137.2	2504.2
25°	570.4	663.7	771.0	893.9	1040.9	1218.8	1428.5	1675.9	1988.4	2360.6	2812.1
22.5°	589.6	686.0	800.4	931.6	1093.1	1290.0	1526.0	1809.1	2154.6	2572.2	3113.6
20°	607.6	710.1	829.7	967.6	1139.6	1354.2	1615.7	1933.4	2326.5	2821.0	3409.4
17.5°	623.4	731.3	857.3	1006.6	1191.5	1419.5	1700.2	2043.2	2479.6	3043.2	3682.3
15°	636.9	749.6	881.3	1040.4	1238.3	1484.4	1789.0	2163.5	2639.3	3245.2	3921.9
12.5°	648.3	764.9	901.4	1068.8	1277.6	1539.3	1864.7	2270.8	2794.9	3435.5	4132.2
10°	657.3	777.2	917.6	1091.8	1309.2	1583.8	1927.2	2358.5	2924.3	3598.6	4310.2
7.5°	664.8	786.8	930.0	1109.1	1333.2	1617.9	1975.8	2426.3	3025.5	3727.8	4446.8
5°	670.1	793.7	939.5	1121.3	1350.8	1641.6	2009.8	2473.6	3097.4	3821.4	4540.1
2.5°	673.2	797.4	944.9	1127.8	1361.6	1655.1	2027.6	2503.3	3137.0	3874.8	4596.6
0°	673.8	798.0	946.2	1128.6	1364.6	1657.6	2030.4	2512.6	3145.3	3888.6	4617.1
-2.5°	673.2	797.4	944.9	1127.8	1361.6	1655.1	2027.6	2503.3	3137.0	3874.8	4596.6
-5°	670.1	793.7	939.5	1121.3	1350.8	1641.6	2009.8	2473.6	3097.4	3821.4	4540.1
-7.5°	664.8	786.8	930.0	1109.1	1333.2	1617.9	1975.8	2426.3	3025.5	3727.8	4446.8
-10°	657.3	777.2	917.6	1091.8	1309.2	1583.8	1927.2	2358.5	2924.3	3598.6	4310.2
-12.5°	648.3	764.9	901.4	1068.8	1277.6	1539.3	1864.7	2270.8	2794.9	3435.5	4132.2
-15°	636.9	749.6	881.3	1040.4	1238.3	1484.4	1789.0	2163.5	2639.3	3245.2	3921.9
-17.5°	623.4	731.3	857.3	1006.6	1191.5	1419.5	1700.2	2043.2	2479.6	3043.2	3682.3
-20°	607.6	710.1	829.7	967.6	1139.6	1354.2	1615.7	1933.4	2326.5	2821.0	3409.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627153 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	589.6	686.0	800.4	931.6	1093.1	1290.0	1526.0	1809.1	2154.6	2572.2	3113.6
-25°	570.4	663.7	771.0	893.9	1040.9	1218.8	1428.5	1675.9	1988.4	2360.6	2812.1
-27.5°	550.3	639.3	738.4	852.0	983.1	1145.3	1338.7	1562.0	1825.1	2137.2	2504.2
-30°	528.4	612.5	702.9	808.0	930.7	1077.2	1248.1	1438.6	1661.9	1938.1	2252.2
-32.5°	504.7	583.8	669.3	766.5	876.7	1003.3	1153.7	1326.1	1520.2	1740.4	2008.0
-35°	481.3	555.9	635.6	722.1	819.5	935.4	1067.9	1214.3	1378.3	1571.7	1785.6
-37.5°	459.1	526.4	599.8	678.7	768.7	868.7	979.5	1112.0	1254.3	1404.2	1587.5
-40°	435.6	495.4	565.0	637.8	715.3	804.1	904.4	1012.6	1135.9	1267.7	1402.5
-42.5°	411.3	468.0	529.8	595.0	666.4	744.1	827.4	924.8	1026.0	1137.3	1255.8
-45°	390.1	439.3	494.0	555.0	617.8	685.4	760.7	838.1	927.8	1017.8	1118.8
-47.5°	368.0	410.8	461.3	513.8	571.0	631.0	694.3	764.8	835.0	914.7	991.6
-50°	345.7	385.8	427.1	475.4	525.4	578.1	634.0	693.3	756.5	819.7	886.8
-52.5°	324.3	359.8	397.0	437.4	482.0	528.2	576.6	627.5	681.8	736.4	791.8
-55°	302.4	335.1	366.6	401.9	440.2	481.1	522.4	566.8	610.4	659.5	704.9
-57.5°	281.9	309.6	337.3	367.1	400.5	435.4	472.0	508.6	548.0	587.1	624.4
-60°	262.1	284.6	308.6	334.2	360.9	391.5	421.9	454.5	487.5	519.7	552.6
-62.5°	241.5	259.6	279.4	302.0	325.2	347.6	373.6	401.0	428.6	455.4	482.0
-65°	217.2	233.2	249.2	267.9	289.3	307.2	326.6	347.9	371.6	392.9	412.4
-67.5°	191.8	206.0	219.1	232.0	248.5	264.3	280.0	296.3	314.4	333.4	350.1
-70°	164.5	178.4	190.1	200.5	209.6	219.5	232.1	244.6	258.9	277.0	293.6
-72.5°	136.7	149.3	160.3	169.8	175.7	180.2	186.2	193.5	207.1	225.2	241.2
-75°	110.5	120.4	130.2	138.7	142.4	142.7	142.3	144.8	158.2	176.6	192.9
-77.5°	85.4	93.5	101.1	108.1	110.1	109.8	108.5	106.3	116.5	132.2	148.6
-80°	61.5	66.6	72.6	78.1	79.4	78.8	77.1	74.3	82.3	93.7	106.0
-82.5°	40.1	43.6	46.9	50.0	50.3	49.5	48.0	46.2	52.3	59.6	67.4
-85°	20.5	20.5	22.2	23.8	24.6	24.7	24.2	23.1	26.1	29.6	33.2
-87.5°	10.3	10.3	10.1	9.8	9.4	8.8	8.1	7.3	7.6	7.9	8.2
-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: P627153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	8.4	8.2	7.9	7.6	7.3	7.1	7.0	6.8	6.6	6.1	5.6
85°	37.1	37.9	38.4	38.6	38.6	39.8	41.0	42.0	42.9	38.9	34.5
82.5°	75.4	78.9	82.0	85.1	88.2	90.3	91.9	93.0	93.8	84.9	74.9
80°	118.6	126.1	132.2	138.1	143.8	145.2	145.1	144.3	142.8	130.6	116.9
77.5°	165.0	174.8	182.5	190.1	197.7	200.4	201.8	202.8	203.5	188.5	170.0
75°	207.1	218.7	229.5	239.5	248.8	253.7	256.6	259.0	260.8	245.7	225.9
72.5°	255.0	267.3	279.0	290.2	300.0	306.5	310.7	314.2	316.9	308.3	295.9
70°	307.8	320.5	332.8	344.4	355.5	364.3	371.2	377.1	382.0	383.0	382.5
67.5°	366.4	381.4	396.1	408.7	421.9	434.2	445.1	454.1	461.3	466.0	468.7
65°	432.1	454.7	474.7	491.8	506.0	522.5	537.0	548.1	555.9	561.9	567.0
62.5°	509.5	536.9	559.9	582.6	606.0	628.7	642.9	657.2	671.1	684.3	695.5
60°	584.1	614.1	645.2	674.1	701.0	725.7	751.2	773.8	793.6	810.2	822.5
57.5°	663.5	700.0	735.3	772.1	806.8	839.1	870.6	899.7	924.9	946.1	963.4
55°	749.7	794.3	836.4	883.1	928.4	969.6	1007.6	1046.6	1081.7	1112.6	1137.1
52.5°	842.7	900.7	956.4	1011.2	1069.9	1122.9	1170.3	1224.3	1272.2	1311.7	1342.5
50°	953.7	1021.9	1095.3	1163.3	1237.4	1310.2	1377.4	1442.5	1506.1	1561.2	1605.7
47.5°	1080.1	1164.0	1255.0	1345.1	1437.0	1536.6	1625.5	1708.1	1797.2	1874.4	1936.4
45°	1220.6	1327.6	1437.5	1564.1	1680.8	1808.8	1927.3	2033.7	2159.9	2271.1	2360.6
42.5°	1376.4	1519.0	1663.5	1823.0	1977.8	2140.3	2312.9	2466.0	2633.4	2793.0	2922.0
40°	1569.6	1740.0	1933.6	2126.7	2348.8	2557.5	2808.9	3037.5	3245.0	3435.3	3591.2
37.5°	1784.3	2003.7	2246.8	2498.3	2802.3	3100.2	3394.6	3672.4	3917.8	4126.1	4300.8
35°	2028.0	2306.7	2601.2	2968.4	3324.5	3681.4	4013.8	4317.6	4584.4	4819.4	5019.3
32.5°	2308.3	2642.8	3055.1	3467.6	3873.8	4266.8	4631.8	4963.1	5255.7	5519.6	5749.4
30°	2603.0	3059.5	3522.2	3974.7	4418.4	4848.8	5249.4	5614.3	5945.0	6238.7	6503.5
27.5°	2977.5	3483.4	3988.0	4475.7	4963.9	5435.0	5869.1	6274.4	6653.8	6985.8	7288.5
25°	3339.7	3898.6	4435.0	4966.8	5498.3	6003.9	6489.4	6947.2	7381.8	7762.8	8100.7
22.5°	3701.9	4286.8	4860.1	5431.9	6002.8	6566.5	7111.6	7636.1	8122.1	8556.0	8936.3
20°	4037.4	4648.8	5261.8	5878.3	6497.1	7114.1	7726.4	8316.6	8858.0	9359.0	9799.2
17.5°	4338.1	4988.5	5638.3	6297.8	6968.5	7638.5	8318.5	8980.2	9599.1	10169.1	10679.9
15°	4604.4	5283.1	5981.0	6692.6	7412.8	8140.5	8882.5	9622.8	10319.6	10967.0	11537.1
12.5°	4837.3	5542.8	6274.3	7030.4	7812.1	8604.8	9414.6	10226.2	10997.5	11744.9	12360.5
10°	5029.4	5763.8	6528.3	7322.8	8147.1	9000.2	9869.1	10742.7	11592.4	12385.3	13089.3
7.5°	5177.8	5939.6	6727.5	7553.7	8418.6	9318.3	10238.7	11165.7	12072.6	12926.9	13705.9
5°	5282.5	6067.7	6865.5	7724.9	8619.8	9552.1	10508.7	11474.7	12422.8	13321.1	14128.4
2.5°	5343.2	6144.5	6945.8	7828.9	8739.5	9693.6	10676.2	11658.1	12631.1	13562.8	14392.4
0°	5359.3	6167.6	6991.8	7840.0	8777.1	9759.8	10707.2	11692.2	12703.4	13622.2	14448.8
-2.5°	5343.2	6144.5	6945.8	7828.9	8739.5	9693.6	10676.2	11658.1	12631.1	13562.8	14392.4
-5°	5282.5	6067.7	6865.5	7724.9	8619.8	9552.1	10508.7	11474.7	12422.8	13321.1	14128.4
-7.5°	5177.8	5939.6	6727.5	7553.7	8418.6	9318.3	10238.7	11165.7	12072.6	12926.9	13705.9
-10°	5029.4	5763.8	6528.3	7322.8	8147.1	9000.2	9869.1	10742.7	11592.4	12385.3	13089.3
-12.5°	4837.3	5542.8	6274.3	7030.4	7812.1	8604.8	9414.6	10226.2	10997.5	11744.9	12360.5
-15°	4604.4	5283.1	5981.0	6692.6	7412.8	8140.5	8882.5	9622.8	10319.6	10967.0	11537.1
-17.5°	4338.1	4988.5	5638.3	6297.8	6968.5	7638.5	8318.5	8980.2	9599.1	10169.1	10679.9
-20°	4037.4	4648.8	5261.8	5878.3	6497.1	7114.1	7726.4	8316.6	8858.0	9359.0	9799.2



REPORT NUMBER: P627153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3701.9	4286.8	4860.1	5431.9	6002.8	6566.5	7111.6	7636.1	8122.1	8556.0	8936.3
-25°	3339.7	3898.6	4435.0	4966.8	5498.3	6003.9	6489.4	6947.2	7381.8	7762.8	8100.7
-27.5°	2977.5	3483.4	3988.0	4475.7	4963.9	5435.0	5869.1	6274.4	6653.8	6985.8	7288.5
-30°	2603.0	3059.5	3522.2	3974.7	4418.4	4848.8	5249.4	5614.3	5945.0	6238.7	6503.5
-32.5°	2308.3	2642.8	3055.1	3467.6	3873.8	4266.8	4631.8	4963.1	5255.7	5519.6	5749.4
-35°	2028.0	2306.7	2601.2	2968.4	3324.5	3681.4	4013.8	4317.6	4584.4	4819.4	5019.3
-37.5°	1784.3	2003.7	2246.8	2498.3	2802.3	3100.2	3394.6	3672.4	3917.8	4126.1	4300.8
-40°	1569.6	1740.0	1933.6	2126.7	2348.8	2557.5	2808.9	3037.5	3245.0	3435.3	3591.2
-42.5°	1376.4	1519.0	1663.5	1823.0	1977.8	2140.3	2312.9	2466.0	2633.4	2793.0	2922.0
-45°	1220.6	1327.6	1437.5	1564.1	1680.8	1808.8	1927.3	2033.7	2159.9	2271.1	2360.6
-47.5°	1080.1	1164.0	1255.0	1345.1	1437.0	1536.6	1625.5	1708.1	1797.2	1874.4	1936.4
-50°	953.7	1021.9	1095.3	1163.3	1237.4	1310.2	1377.4	1442.5	1506.1	1561.2	1605.7
-52.5°	842.7	900.7	956.4	1011.2	1069.9	1122.9	1170.3	1224.3	1272.2	1311.7	1342.5
-55°	749.7	794.3	836.4	883.1	928.4	969.6	1007.6	1046.6	1081.7	1112.6	1137.1
-57.5°	663.5	700.0	735.3	772.1	806.8	839.1	870.6	899.7	924.9	946.1	963.4
-60°	584.1	614.1	645.2	674.1	701.0	725.7	751.2	773.8	793.6	810.2	822.5
-62.5°	509.5	536.9	559.9	582.6	606.0	628.7	642.9	657.2	671.1	684.3	695.5
-65°	432.1	454.7	474.7	491.8	506.0	522.5	537.0	548.1	555.9	561.9	567.0
-67.5°	366.4	381.4	396.1	408.7	421.9	434.2	445.1	454.1	461.3	466.0	468.7
-70°	307.8	320.5	332.8	344.4	355.5	364.3	371.2	377.1	382.0	383.0	382.5
-72.5°	255.0	267.3	279.0	290.2	300.0	306.5	310.7	314.2	316.9	308.3	295.9
-75°	207.1	218.7	229.5	239.5	248.8	253.7	256.6	259.0	260.8	245.7	225.9
-77.5°	165.0	174.8	182.5	190.1	197.7	200.4	201.8	202.8	203.5	188.5	170.0
-80°	118.6	126.1	132.2	138.1	143.8	145.2	145.1	144.3	142.8	130.6	116.9
-82.5°	75.4	78.9	82.0	85.1	88.2	90.3	91.9	93.0	93.8	84.9	74.9
-85°	37.1	37.9	38.4	38.6	38.6	39.8	41.0	42.0	42.9	38.9	34.5
-87.5°	8.4	8.2	7.9	7.6	7.3	7.1	7.0	6.8	6.6	6.1	5.6
-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: P627153 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	5.1	4.6	4.0	3.4	4.0	4.6	5.1	5.6	6.1	6.6	6.8
85°	29.9	25.0	24.5	23.9	24.5	25.0	29.9	34.5	38.9	42.9	42.0
82.5°	64.4	53.5	51.8	50.2	51.8	53.5	64.4	74.9	84.9	93.8	93.0
80°	102.6	87.7	84.9	82.1	84.9	87.7	102.6	116.9	130.6	142.8	144.3
77.5°	150.5	130.2	124.2	118.6	124.2	130.2	150.5	170.0	188.5	203.5	202.8
75°	205.2	183.8	176.6	169.9	176.6	183.8	205.2	225.9	245.7	260.8	259.0
72.5°	283.4	270.3	257.2	242.8	257.2	270.3	283.4	295.9	308.3	316.9	314.2
70°	382.1	381.2	377.9	372.8	377.9	381.2	382.1	382.5	383.0	382.0	377.1
67.5°	469.8	469.5	470.6	470.8	470.6	469.5	469.8	468.7	466.0	461.3	454.1
65°	570.1	571.2	573.6	574.6	573.6	571.2	570.1	567.0	561.9	555.9	548.1
62.5°	704.1	709.9	712.8	712.5	712.8	709.9	704.1	695.5	684.3	671.1	657.2
60°	831.7	837.7	841.5	842.5	841.5	837.7	831.7	822.5	810.2	793.6	773.8
57.5°	977.0	986.9	992.2	993.0	992.2	986.9	977.0	963.4	946.1	924.9	899.7
55°	1155.9	1169.0	1174.9	1174.2	1174.9	1169.0	1155.9	1137.1	1112.6	1081.7	1046.6
52.5°	1365.8	1381.8	1393.8	1401.1	1393.8	1381.8	1365.8	1342.5	1311.7	1272.2	1224.3
50°	1639.2	1662.1	1676.7	1682.7	1676.7	1662.1	1639.2	1605.7	1561.2	1506.1	1442.5
47.5°	1981.2	2011.6	2034.1	2049.8	2034.1	2011.6	1981.2	1936.4	1874.4	1797.2	1708.1
45°	2426.7	2473.1	2504.5	2522.9	2504.5	2473.1	2426.7	2360.6	2271.1	2159.9	2033.7
42.5°	3022.7	3094.6	3138.7	3155.6	3138.7	3094.6	3022.7	2922.0	2793.0	2633.4	2466.0
40°	3714.4	3800.8	3857.5	3896.6	3857.5	3800.8	3714.4	3591.2	3435.3	3245.0	3037.5
37.5°	4434.9	4525.6	4580.8	4618.3	4580.8	4525.6	4434.9	4300.8	4126.1	3917.8	3672.4
35°	5170.0	5264.9	5316.7	5345.6	5316.7	5264.9	5170.0	5019.3	4819.4	4584.4	4317.6
32.5°	5924.5	6029.1	6085.4	6143.6	6085.4	6029.1	5924.5	5749.4	5519.6	5255.7	4963.1
30°	6712.6	6832.7	6891.6	6920.0	6891.6	6832.7	6712.6	6503.5	6238.7	5945.0	5614.3
27.5°	7532.7	7682.4	7756.1	7804.7	7756.1	7682.4	7532.7	7288.5	6985.8	6653.8	6274.4
25°	8386.0	8571.5	8655.9	8731.5	8655.9	8571.5	8386.0	8100.7	7762.8	7381.8	6947.2
22.5°	9271.4	9502.3	9600.1	9653.8	9600.1	9502.3	9271.4	8936.3	8556.0	8122.1	7636.1
20°	10179.8	10455.7	10591.6	10661.6	10591.6	10455.7	10179.8	9799.2	9359.0	8858.0	8316.6
17.5°	11108.8	11452.0	11627.9	11668.2	11627.9	11452.0	11108.8	10679.9	10169.1	9599.1	8980.2
15°	12020.8	12392.0	12599.9	12676.0	12599.9	12392.0	12020.8	11537.1	10967.0	10319.6	9622.8
12.5°	12884.4	13269.2	13517.5	13561.8	13517.5	13269.2	12884.4	12360.5	11744.9	10997.5	10226.2
10°	13667.7	14066.3	14340.6	14403.2	14340.6	14066.3	13667.7	13089.3	12385.3	11592.4	10742.7
7.5°	14322.5	14759.9	15063.0	15115.7	15063.0	14759.9	14322.5	13705.9	12926.9	12072.6	11165.7
5°	14801.6	15320.9	15569.7	15632.1	15569.7	15320.9	14801.6	14128.4	13321.1	12422.8	11474.7
2.5°	15064.4	15593.1	15938.8	15898.9	15938.8	15593.1	15064.4	14392.4	13562.8	12631.1	11658.1
0°	15094.0	15646.9	15977.5	16130.3	15977.5	15646.9	15094.0	14448.8	13622.2	12703.4	11692.2
-2.5°	15064.4	15593.1	15938.8	15898.9	15938.8	15593.1	15064.4	14392.4	13562.8	12631.1	11658.1
-5°	14801.6	15320.9	15569.7	15632.1	15569.7	15320.9	14801.6	14128.4	13321.1	12422.8	11474.7
-7.5°	14322.5	14759.9	15063.0	15115.7	15063.0	14759.9	14322.5	13705.9	12926.9	12072.6	11165.7
-10°	13667.7	14066.3	14340.6	14403.2	14340.6	14066.3	13667.7	13089.3	12385.3	11592.4	10742.7
-12.5°	12884.4	13269.2	13517.5	13561.8	13517.5	13269.2	12884.4	12360.5	11744.9	10997.5	10226.2
-15°	12020.8	12392.0	12599.9	12676.0	12599.9	12392.0	12020.8	11537.1	10967.0	10319.6	9622.8
-17.5°	11108.8	11452.0	11627.9	11668.2	11627.9	11452.0	11108.8	10679.9	10169.1	9599.1	8980.2
-20°	10179.8	10455.7	10591.6	10661.6	10591.6	10455.7	10179.8	9799.2	9359.0	8858.0	8316.6



REPORT NUMBER: P627153 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	9271.4	9502.3	9600.1	9653.8	9600.1	9502.3	9271.4	8936.3	8556.0	8122.1	7636.1
-25°	8386.0	8571.5	8655.9	8731.5	8655.9	8571.5	8386.0	8100.7	7762.8	7381.8	6947.2
-27.5°	7532.7	7682.4	7756.1	7804.7	7756.1	7682.4	7532.7	7288.5	6985.8	6653.8	6274.4
-30°	6712.6	6832.7	6891.6	6920.0	6891.6	6832.7	6712.6	6503.5	6238.7	5945.0	5614.3
-32.5°	5924.5	6029.1	6085.4	6143.6	6085.4	6029.1	5924.5	5749.4	5519.6	5255.7	4963.1
-35°	5170.0	5264.9	5316.7	5345.6	5316.7	5264.9	5170.0	5019.3	4819.4	4584.4	4317.6
-37.5°	4434.9	4525.6	4580.8	4618.3	4580.8	4525.6	4434.9	4300.8	4126.1	3917.8	3672.4
-40°	3714.4	3800.8	3857.5	3896.6	3857.5	3800.8	3714.4	3591.2	3435.3	3245.0	3037.5
-42.5°	3022.7	3094.6	3138.7	3155.6	3138.7	3094.6	3022.7	2922.0	2793.0	2633.4	2466.0
-45°	2426.7	2473.1	2504.5	2522.9	2504.5	2473.1	2426.7	2360.6	2271.1	2159.9	2033.7
-47.5°	1981.2	2011.6	2034.1	2049.8	2034.1	2011.6	1981.2	1936.4	1874.4	1797.2	1708.1
-50°	1639.2	1662.1	1676.7	1682.7	1676.7	1662.1	1639.2	1605.7	1561.2	1506.1	1442.5
-52.5°	1365.8	1381.8	1393.8	1401.1	1393.8	1381.8	1365.8	1342.5	1311.7	1272.2	1224.3
-55°	1155.9	1169.0	1174.9	1174.2	1174.9	1169.0	1155.9	1137.1	1112.6	1081.7	1046.6
-57.5°	977.0	986.9	992.2	993.0	992.2	986.9	977.0	963.4	946.1	924.9	899.7
-60°	831.7	837.7	841.5	842.5	841.5	837.7	831.7	822.5	810.2	793.6	773.8
-62.5°	704.1	709.9	712.8	712.5	712.8	709.9	704.1	695.5	684.3	671.1	657.2
-65°	570.1	571.2	573.6	574.6	573.6	571.2	570.1	567.0	561.9	555.9	548.1
-67.5°	469.8	469.5	470.6	470.8	470.6	469.5	469.8	468.7	466.0	461.3	454.1
-70°	382.1	381.2	377.9	372.8	377.9	381.2	382.1	382.5	383.0	382.0	377.1
-72.5°	283.4	270.3	257.2	242.8	257.2	270.3	283.4	295.9	308.3	316.9	314.2
-75°	205.2	183.8	176.6	169.9	176.6	183.8	205.2	225.9	245.7	260.8	259.0
-77.5°	150.5	130.2	124.2	118.6	124.2	130.2	150.5	170.0	188.5	203.5	202.8
-80°	102.6	87.7	84.9	82.1	84.9	87.7	102.6	116.9	130.6	142.8	144.3
-82.5°	64.4	53.5	51.8	50.2	51.8	53.5	64.4	74.9	84.9	93.8	93.0
-85°	29.9	25.0	24.5	23.9	24.5	25.0	29.9	34.5	38.9	42.9	42.0
-87.5°	5.1	4.6	4.0	3.4	4.0	4.6	5.1	5.6	6.1	6.6	6.8
-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: P627153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	7.0	7.1	7.3	7.6	7.9	8.2	8.4	8.2	7.9	7.6	7.3
85°	41.0	39.8	38.6	38.6	38.4	37.9	37.1	33.2	29.6	26.1	23.1
82.5°	91.9	90.3	88.2	85.1	82.0	78.9	75.4	67.4	59.6	52.3	46.2
80°	145.1	145.2	143.8	138.1	132.2	126.1	118.6	106.0	93.7	82.3	74.3
77.5°	201.8	200.4	197.7	190.1	182.5	174.8	165.0	148.6	132.2	116.5	106.3
75°	256.6	253.7	248.8	239.5	229.5	218.7	207.1	192.9	176.6	158.2	144.8
72.5°	310.7	306.5	300.0	290.2	279.0	267.3	255.0	241.2	225.2	207.1	193.5
70°	371.2	364.3	355.5	344.4	332.8	320.5	307.8	293.6	277.0	258.9	244.6
67.5°	445.1	434.2	421.9	408.7	396.1	381.4	366.4	350.1	333.4	314.4	296.3
65°	537.0	522.5	506.0	491.8	474.7	454.7	432.1	412.4	392.9	371.6	347.9
62.5°	642.9	628.7	606.0	582.6	559.9	536.9	509.5	482.0	455.4	428.6	401.0
60°	751.2	725.7	701.0	674.1	645.2	614.1	584.1	552.6	519.7	487.5	454.5
57.5°	870.6	839.1	806.8	772.1	735.3	700.0	663.5	624.4	587.1	548.0	508.6
55°	1007.6	969.6	928.4	883.1	836.4	794.3	749.7	704.9	659.5	610.4	566.8
52.5°	1170.3	1122.9	1069.9	1011.2	956.4	900.7	842.7	791.8	736.4	681.8	627.5
50°	1377.4	1310.2	1237.4	1163.3	1095.3	1021.9	953.7	886.8	819.7	756.5	693.3
47.5°	1625.5	1536.6	1437.0	1345.1	1255.0	1164.0	1080.1	991.6	914.7	835.0	764.8
45°	1927.3	1808.8	1680.8	1564.1	1437.5	1327.6	1220.6	1118.8	1017.8	927.8	838.1
42.5°	2312.9	2140.3	1977.8	1823.0	1663.5	1519.0	1376.4	1255.8	1137.3	1026.0	924.8
40°	2808.9	2557.5	2348.8	2126.7	1933.6	1740.0	1569.6	1402.5	1267.7	1135.9	1012.6
37.5°	3394.6	3100.2	2802.3	2498.3	2246.8	2003.7	1784.3	1587.5	1404.2	1254.3	1112.0
35°	4013.8	3681.4	3324.5	2968.4	2601.2	2306.7	2028.0	1785.6	1571.7	1378.3	1214.3
32.5°	4631.8	4266.8	3873.8	3467.6	3055.1	2642.8	2308.3	2008.0	1740.4	1520.2	1326.1
30°	5249.4	4848.8	4418.4	3974.7	3522.2	3059.5	2603.0	2252.2	1938.1	1661.9	1438.6
27.5°	5869.1	5435.0	4963.9	4475.7	3988.0	3483.4	2977.5	2504.2	2137.2	1825.1	1562.0
25°	6489.4	6003.9	5498.3	4966.8	4435.0	3898.6	3339.7	2812.1	2360.6	1988.4	1675.9
22.5°	7111.6	6566.5	6002.8	5431.9	4860.1	4286.8	3701.9	3113.6	2572.2	2154.6	1809.1
20°	7726.4	7114.1	6497.1	5878.3	5261.8	4648.8	4037.4	3409.4	2821.0	2326.5	1933.4
17.5°	8318.5	7638.5	6968.5	6297.8	5638.3	4988.5	4338.1	3682.3	3043.2	2479.6	2043.2
15°	8882.5	8140.5	7412.8	6692.6	5981.0	5283.1	4604.4	3921.9	3245.2	2639.3	2163.5
12.5°	9414.6	8604.8	7812.1	7030.4	6274.3	5542.8	4837.3	4132.2	3435.5	2794.9	2270.8
10°	9869.1	9000.2	8147.1	7322.8	6528.3	5763.8	5029.4	4310.2	3598.6	2924.3	2358.5
7.5°	10238.7	9318.3	8418.6	7553.7	6727.5	5939.6	5177.8	4446.8	3727.8	3025.5	2426.3
5°	10508.7	9552.1	8619.8	7724.9	6865.5	6067.7	5282.5	4540.1	3821.4	3097.4	2473.6
2.5°	10676.2	9693.6	8739.5	7828.9	6945.8	6144.5	5343.2	4596.6	3874.8	3137.0	2503.3
0°	10707.2	9759.8	8777.1	7840.0	6991.8	6167.6	5359.3	4617.1	3888.6	3145.3	2512.6
-2.5°	10676.2	9693.6	8739.5	7828.9	6945.8	6144.5	5343.2	4596.6	3874.8	3137.0	2503.3
-5°	10508.7	9552.1	8619.8	7724.9	6865.5	6067.7	5282.5	4540.1	3821.4	3097.4	2473.6
-7.5°	10238.7	9318.3	8418.6	7553.7	6727.5	5939.6	5177.8	4446.8	3727.8	3025.5	2426.3
-10°	9869.1	9000.2	8147.1	7322.8	6528.3	5763.8	5029.4	4310.2	3598.6	2924.3	2358.5
-12.5°	9414.6	8604.8	7812.1	7030.4	6274.3	5542.8	4837.3	4132.2	3435.5	2794.9	2270.8
-15°	8882.5	8140.5	7412.8	6692.6	5981.0	5283.1	4604.4	3921.9	3245.2	2639.3	2163.5
-17.5°	8318.5	7638.5	6968.5	6297.8	5638.3	4988.5	4338.1	3682.3	3043.2	2479.6	2043.2
-20°	7726.4	7114.1	6497.1	5878.3	5261.8	4648.8	4037.4	3409.4	2821.0	2326.5	1933.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627153 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7111.6	6566.5	6002.8	5431.9	4860.1	4286.8	3701.9	3113.6	2572.2	2154.6	1809.1
-25°	6489.4	6003.9	5498.3	4966.8	4435.0	3898.6	3339.7	2812.1	2360.6	1988.4	1675.9
-27.5°	5869.1	5435.0	4963.9	4475.7	3988.0	3483.4	2977.5	2504.2	2137.2	1825.1	1562.0
-30°	5249.4	4848.8	4418.4	3974.7	3522.2	3059.5	2603.0	2252.2	1938.1	1661.9	1438.6
-32.5°	4631.8	4266.8	3873.8	3467.6	3055.1	2642.8	2308.3	2008.0	1740.4	1520.2	1326.1
-35°	4013.8	3681.4	3324.5	2968.4	2601.2	2306.7	2028.0	1785.6	1571.7	1378.3	1214.3
-37.5°	3394.6	3100.2	2802.3	2498.3	2246.8	2003.7	1784.3	1587.5	1404.2	1254.3	1112.0
-40°	2808.9	2557.5	2348.8	2126.7	1933.6	1740.0	1569.6	1402.5	1267.7	1135.9	1012.6
-42.5°	2312.9	2140.3	1977.8	1823.0	1663.5	1519.0	1376.4	1255.8	1137.3	1026.0	924.8
-45°	1927.3	1808.8	1680.8	1564.1	1437.5	1327.6	1220.6	1118.8	1017.8	927.8	838.1
-47.5°	1625.5	1536.6	1437.0	1345.1	1255.0	1164.0	1080.1	991.6	914.7	835.0	764.8
-50°	1377.4	1310.2	1237.4	1163.3	1095.3	1021.9	953.7	886.8	819.7	756.5	693.3
-52.5°	1170.3	1122.9	1069.9	1011.2	956.4	900.7	842.7	791.8	736.4	681.8	627.5
-55°	1007.6	969.6	928.4	883.1	836.4	794.3	749.7	704.9	659.5	610.4	566.8
-57.5°	870.6	839.1	806.8	772.1	735.3	700.0	663.5	624.4	587.1	548.0	508.6
-60°	751.2	725.7	701.0	674.1	645.2	614.1	584.1	552.6	519.7	487.5	454.5
-62.5°	642.9	628.7	606.0	582.6	559.9	536.9	509.5	482.0	455.4	428.6	401.0
-65°	537.0	522.5	506.0	491.8	474.7	454.7	432.1	412.4	392.9	371.6	347.9
-67.5°	445.1	434.2	421.9	408.7	396.1	381.4	366.4	350.1	333.4	314.4	296.3
-70°	371.2	364.3	355.5	344.4	332.8	320.5	307.8	293.6	277.0	258.9	244.6
-72.5°	310.7	306.5	300.0	290.2	279.0	267.3	255.0	241.2	225.2	207.1	193.5
-75°	256.6	253.7	248.8	239.5	229.5	218.7	207.1	192.9	176.6	158.2	144.8
-77.5°	201.8	200.4	197.7	190.1	182.5	174.8	165.0	148.6	132.2	116.5	106.3
-80°	145.1	145.2	143.8	138.1	132.2	126.1	118.6	106.0	93.7	82.3	74.3
-82.5°	91.9	90.3	88.2	85.1	82.0	78.9	75.4	67.4	59.6	52.3	46.2
-85°	41.0	39.8	38.6	38.6	38.4	37.9	37.1	33.2	29.6	26.1	23.1
-87.5°	7.0	7.1	7.3	7.6	7.9	8.2	8.4	8.2	7.9	7.6	7.3
-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: P627153 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	8.1	8.8	9.4	9.8	10.1	10.3	10.3	10.1	9.7	9.1	8.5
85°	24.2	24.7	24.6	23.8	22.2	20.5	20.5	20.2	19.4	18.3	16.9
82.5°	48.0	49.5	50.3	50.0	46.9	43.6	40.1	36.4	32.5	28.0	25.4
80°	77.1	78.8	79.4	78.1	72.6	66.6	61.5	56.2	51.0	45.1	38.6
77.5°	108.5	109.8	110.1	108.1	101.1	93.5	85.4	76.9	69.6	62.3	54.1
75°	142.3	142.7	142.4	138.7	130.2	120.4	110.5	99.9	89.3	79.4	69.6
72.5°	186.2	180.2	175.7	169.8	160.3	149.3	136.7	122.6	109.1	96.5	84.7
70°	232.1	219.5	209.6	200.5	190.1	178.4	164.5	146.7	128.7	113.4	99.1
67.5°	280.0	264.3	248.5	232.0	219.1	206.0	191.8	170.5	148.9	129.9	113.1
65°	326.6	307.2	289.3	267.9	249.2	233.2	217.2	193.1	168.4	146.2	126.8
62.5°	373.6	347.6	325.2	302.0	279.4	259.6	241.5	214.0	187.1	161.8	139.8
60°	421.9	391.5	360.9	334.2	308.6	284.6	262.1	234.4	205.1	176.8	152.1
57.5°	472.0	435.4	400.5	367.1	337.3	309.6	281.9	253.1	222.6	191.9	163.2
55°	522.4	481.1	440.2	401.9	366.6	335.1	302.4	271.0	239.3	206.6	172.1
52.5°	576.6	528.2	482.0	437.4	397.0	359.8	324.3	288.6	255.3	220.8	181.7
50°	634.0	578.1	525.4	475.4	427.1	385.8	345.7	307.8	270.9	234.5	190.7
47.5°	694.3	631.0	571.0	513.8	461.3	410.8	368.0	326.7	286.0	248.0	198.9
45°	760.7	685.4	617.8	555.0	494.0	439.3	390.1	344.9	302.4	257.7	206.3
42.5°	827.4	744.1	666.4	595.0	529.8	468.0	411.3	363.9	318.1	266.6	213.6
40°	904.4	804.1	715.3	637.8	565.0	495.4	435.6	382.1	332.8	275.3	220.6
37.5°	979.5	868.7	768.7	678.7	599.8	526.4	459.1	399.5	344.4	284.9	227.0
35°	1067.9	935.4	819.5	722.1	635.6	555.9	481.3	417.2	357.1	294.2	232.7
32.5°	1153.7	1003.3	876.7	766.5	669.3	583.8	504.7	435.4	370.1	302.9	237.7
30°	1248.1	1077.2	930.7	808.0	702.9	612.5	528.4	452.5	383.1	311.2	242.5
27.5°	1338.7	1145.3	983.1	852.0	738.4	639.3	550.3	468.5	396.2	319.8	248.5
25°	1428.5	1218.8	1040.9	893.9	771.0	663.7	570.4	483.5	409.0	329.5	253.9
22.5°	1526.0	1290.0	1093.1	931.6	800.4	686.0	589.6	499.8	420.8	338.7	258.6
20°	1615.7	1354.2	1139.6	967.6	829.7	710.1	607.6	514.5	431.4	347.4	262.6
17.5°	1700.2	1419.5	1191.5	1006.6	857.3	731.3	623.4	527.4	440.8	355.4	265.9
15°	1789.0	1484.4	1238.3	1040.4	881.3	749.6	636.9	538.5	448.8	362.6	268.9
12.5°	1864.7	1539.3	1277.6	1068.8	901.4	764.9	648.3	547.7	455.5	368.7	271.7
10°	1927.2	1583.8	1309.2	1091.8	917.6	777.2	657.3	555.2	461.1	373.4	273.2
7.5°	1975.8	1617.9	1333.2	1109.1	930.0	786.8	664.8	561.0	465.5	376.7	273.5
5°	2009.8	1641.6	1350.8	1121.3	939.5	793.7	670.1	564.8	468.4	378.6	272.7
2.5°	2027.6	1655.1	1361.6	1127.8	944.9	797.4	673.2	566.7	469.8	378.8	270.8
0°	2030.4	1657.6	1364.6	1128.6	946.2	798.0	673.8	566.6	469.7	377.4	267.9
-2.5°	2027.6	1655.1	1361.6	1127.8	944.9	797.4	673.2	566.7	469.8	378.8	270.8
-5°	2009.8	1641.6	1350.8	1121.3	939.5	793.7	670.1	564.8	468.4	378.6	272.7
-7.5°	1975.8	1617.9	1333.2	1109.1	930.0	786.8	664.8	561.0	465.5	376.7	273.5
-10°	1927.2	1583.8	1309.2	1091.8	917.6	777.2	657.3	555.2	461.1	373.4	273.2
-12.5°	1864.7	1539.3	1277.6	1068.8	901.4	764.9	648.3	547.7	455.5	368.7	271.7
-15°	1789.0	1484.4	1238.3	1040.4	881.3	749.6	636.9	538.5	448.8	362.6	268.9
-17.5°	1700.2	1419.5	1191.5	1006.6	857.3	731.3	623.4	527.4	440.8	355.4	265.9
-20°	1615.7	1354.2	1139.6	967.6	829.7	710.1	607.6	514.5	431.4	347.4	262.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627153 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	1526.0	1290.0	1093.1	931.6	800.4	686.0	589.6	499.8	420.8	338.7	258.6
-25°	1428.5	1218.8	1040.9	893.9	771.0	663.7	570.4	483.5	409.0	329.5	253.9
-27.5°	1338.7	1145.3	983.1	852.0	738.4	639.3	550.3	468.5	396.2	319.8	248.5
-30°	1248.1	1077.2	930.7	808.0	702.9	612.5	528.4	452.5	383.1	311.2	242.5
-32.5°	1153.7	1003.3	876.7	766.5	669.3	583.8	504.7	435.4	370.1	302.9	237.7
-35°	1067.9	935.4	819.5	722.1	635.6	555.9	481.3	417.2	357.1	294.2	232.7
-37.5°	979.5	868.7	768.7	678.7	599.8	526.4	459.1	399.5	344.4	284.9	227.0
-40°	904.4	804.1	715.3	637.8	565.0	495.4	435.6	382.1	332.8	275.3	220.6
-42.5°	827.4	744.1	666.4	595.0	529.8	468.0	411.3	363.9	318.1	266.6	213.6
-45°	760.7	685.4	617.8	555.0	494.0	439.3	390.1	344.9	302.4	257.7	206.3
-47.5°	694.3	631.0	571.0	513.8	461.3	410.8	368.0	326.7	286.0	248.0	198.9
-50°	634.0	578.1	525.4	475.4	427.1	385.8	345.7	307.8	270.9	234.5	190.7
-52.5°	576.6	528.2	482.0	437.4	397.0	359.8	324.3	288.6	255.3	220.8	181.7
-55°	522.4	481.1	440.2	401.9	366.6	335.1	302.4	271.0	239.3	206.6	172.1
-57.5°	472.0	435.4	400.5	367.1	337.3	309.6	281.9	253.1	222.6	191.9	163.2
-60°	421.9	391.5	360.9	334.2	308.6	284.6	262.1	234.4	205.1	176.8	152.1
-62.5°	373.6	347.6	325.2	302.0	279.4	259.6	241.5	214.0	187.1	161.8	139.8
-65°	326.6	307.2	289.3	267.9	249.2	233.2	217.2	193.1	168.4	146.2	126.8
-67.5°	280.0	264.3	248.5	232.0	219.1	206.0	191.8	170.5	148.9	129.9	113.1
-70°	232.1	219.5	209.6	200.5	190.1	178.4	164.5	146.7	128.7	113.4	99.1
-72.5°	186.2	180.2	175.7	169.8	160.3	149.3	136.7	122.6	109.1	96.5	84.7
-75°	142.3	142.7	142.4	138.7	130.2	120.4	110.5	99.9	89.3	79.4	69.6
-77.5°	108.5	109.8	110.1	108.1	101.1	93.5	85.4	76.9	69.6	62.3	54.1
-80°	77.1	78.8	79.4	78.1	72.6	66.6	61.5	56.2	51.0	45.1	38.6
-82.5°	48.0	49.5	50.3	50.0	46.9	43.6	40.1	36.4	32.5	28.0	25.4
-85°	24.2	24.7	24.6	23.8	22.2	20.5	20.5	20.2	19.4	18.3	16.9
-87.5°	8.1	8.8	9.4	9.8	10.1	10.3	10.3	10.1	9.7	9.1	8.5
-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: P627153 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	7.7	6.0	4.5	3.1	1.9	0.8	0.0
85°	15.3	11.9	8.9	6.2	3.8	1.6	0.0
82.5°	22.8	17.8	13.3	9.2	5.6	2.5	0.0
80°	31.0	23.7	17.6	12.3	7.5	3.3	0.0
77.5°	44.3	30.8	21.9	15.2	9.3	4.1	0.0
75°	57.2	40.3	26.6	18.2	11.1	4.9	0.0
72.5°	69.7	49.5	32.9	21.1	12.9	5.6	0.0
70°	81.6	58.3	39.0	24.1	14.6	6.4	0.0
67.5°	91.9	66.7	44.9	27.8	16.3	7.1	0.0
65°	101.7	74.4	50.5	31.4	17.9	7.9	0.0
62.5°	110.9	81.5	55.7	34.8	19.4	8.6	0.0
60°	119.6	88.2	60.6	38.0	20.9	9.2	0.0
57.5°	127.4	94.4	65.2	40.9	22.7	9.9	0.0
55°	134.6	100.1	69.4	43.7	24.5	10.5	0.0
52.5°	141.2	105.3	73.3	46.2	26.1	11.1	0.0
50°	147.2	110.1	76.9	48.5	27.7	11.7	0.0
47.5°	152.8	114.4	80.0	50.5	29.3	12.2	0.0
45°	159.0	118.3	82.8	52.6	30.7	12.7	0.0
42.5°	164.6	121.6	85.2	54.4	32.1	13.2	0.0
40°	169.5	124.4	87.4	56.4	33.4	13.7	0.0
37.5°	173.7	126.7	89.3	58.4	34.6	14.1	0.0
35°	177.2	129.3	90.9	60.3	35.7	14.4	0.0
32.5°	180.3	131.8	92.1	62.0	36.7	14.8	0.0
30°	183.9	133.7	92.9	63.5	37.6	15.1	0.0
27.5°	186.8	135.0	94.9	64.9	38.4	15.4	0.0
25°	189.1	135.8	96.8	66.1	39.1	15.6	0.0
22.5°	190.7	136.9	98.5	67.1	39.8	15.8	0.0
20°	191.6	139.4	100.0	67.9	40.3	16.0	0.0
17.5°	193.7	141.4	101.2	68.6	40.7	16.1	0.0
15°	196.3	143.0	102.2	69.0	41.1	16.2	0.0
12.5°	198.2	144.2	102.9	69.4	41.3	16.2	0.0
10°	199.3	144.9	103.3	69.5	41.4	16.2	0.0
7.5°	199.8	145.2	103.5	69.5	41.5	16.2	0.0
5°	199.6	145.1	103.5	69.3	41.4	16.2	0.0
2.5°	198.7	144.5	103.2	68.9	41.3	16.1	0.0
0°	197.2	143.6	102.6	68.4	41.0	16.0	0.0
-2.5°	198.7	144.5	103.2	68.9	41.3	16.1	0.0
-5°	199.6	145.1	103.5	69.3	41.4	16.2	0.0
-7.5°	199.8	145.2	103.5	69.5	41.5	16.2	0.0
-10°	199.3	144.9	103.3	69.5	41.4	16.2	0.0
-12.5°	198.2	144.2	102.9	69.4	41.3	16.2	0.0
-15°	196.3	143.0	102.2	69.0	41.1	16.2	0.0
-17.5°	193.7	141.4	101.2	68.6	40.7	16.1	0.0
-20°	191.6	139.4	100.0	67.9	40.3	16.0	0.0

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REPORT NUMBER: P627153 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	190.7	136.9	98.5	67.1	39.8	15.8	0.0
-25°	189.1	135.8	96.8	66.1	39.1	15.6	0.0
-27.5°	186.8	135.0	94.9	64.9	38.4	15.4	0.0
-30°	183.9	133.7	92.9	63.5	37.6	15.1	0.0
-32.5°	180.3	131.8	92.1	62.0	36.7	14.8	0.0
-35°	177.2	129.3	90.9	60.3	35.7	14.4	0.0
-37.5°	173.7	126.7	89.3	58.4	34.6	14.1	0.0
-40°	169.5	124.4	87.4	56.4	33.4	13.7	0.0
-42.5°	164.6	121.6	85.2	54.4	32.1	13.2	0.0
-45°	159.0	118.3	82.8	52.6	30.7	12.7	0.0
-47.5°	152.8	114.4	80.0	50.5	29.3	12.2	0.0
-50°	147.2	110.1	76.9	48.5	27.7	11.7	0.0
-52.5°	141.2	105.3	73.3	46.2	26.1	11.1	0.0
-55°	134.6	100.1	69.4	43.7	24.5	10.5	0.0
-57.5°	127.4	94.4	65.2	40.9	22.7	9.9	0.0
-60°	119.6	88.2	60.6	38.0	20.9	9.2	0.0
-62.5°	110.9	81.5	55.7	34.8	19.4	8.6	0.0
-65°	101.7	74.4	50.5	31.4	17.9	7.9	0.0
-67.5°	91.9	66.7	44.9	27.8	16.3	7.1	0.0
-70°	81.6	58.3	39.0	24.1	14.6	6.4	0.0
-72.5°	69.7	49.5	32.9	21.1	12.9	5.6	0.0
-75°	57.2	40.3	26.6	18.2	11.1	4.9	0.0
-77.5°	44.3	30.8	21.9	15.2	9.3	4.1	0.0
-80°	31.0	23.7	17.6	12.3	7.5	3.3	0.0
-82.5°	22.8	17.8	13.3	9.2	5.6	2.5	0.0
-85°	15.3	11.9	8.9	6.2	3.8	1.6	0.0
-87.5°	7.7	6.0	4.5	3.1	1.9	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)