

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: P627093 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-730-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627093 (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-SA3B-730-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N68
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

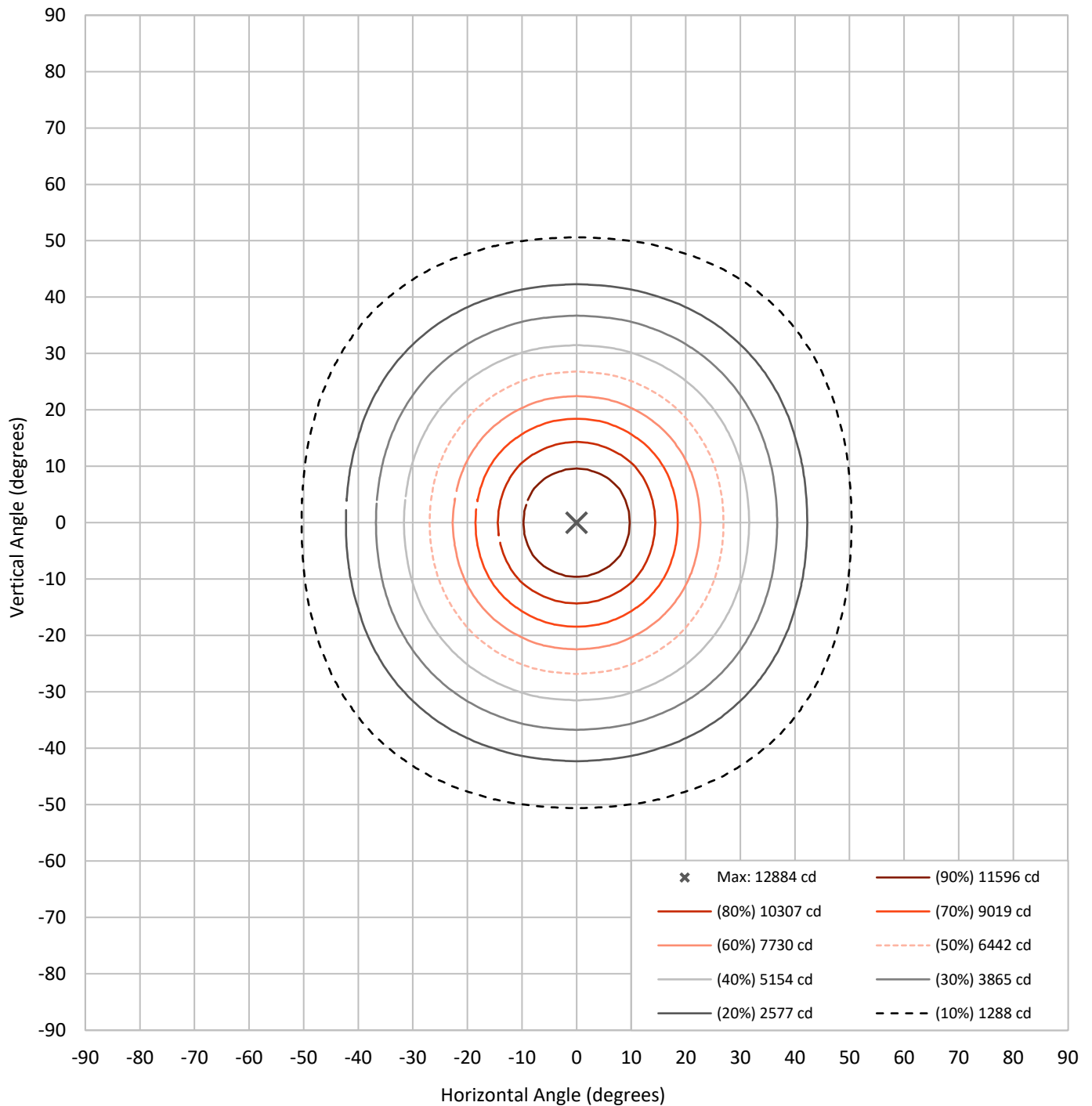
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	13112.9 lumens	Max Intensity:	12884 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	139.9 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:	6269.8 lumens	Field Lumens:	11572.6 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	93.7		
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





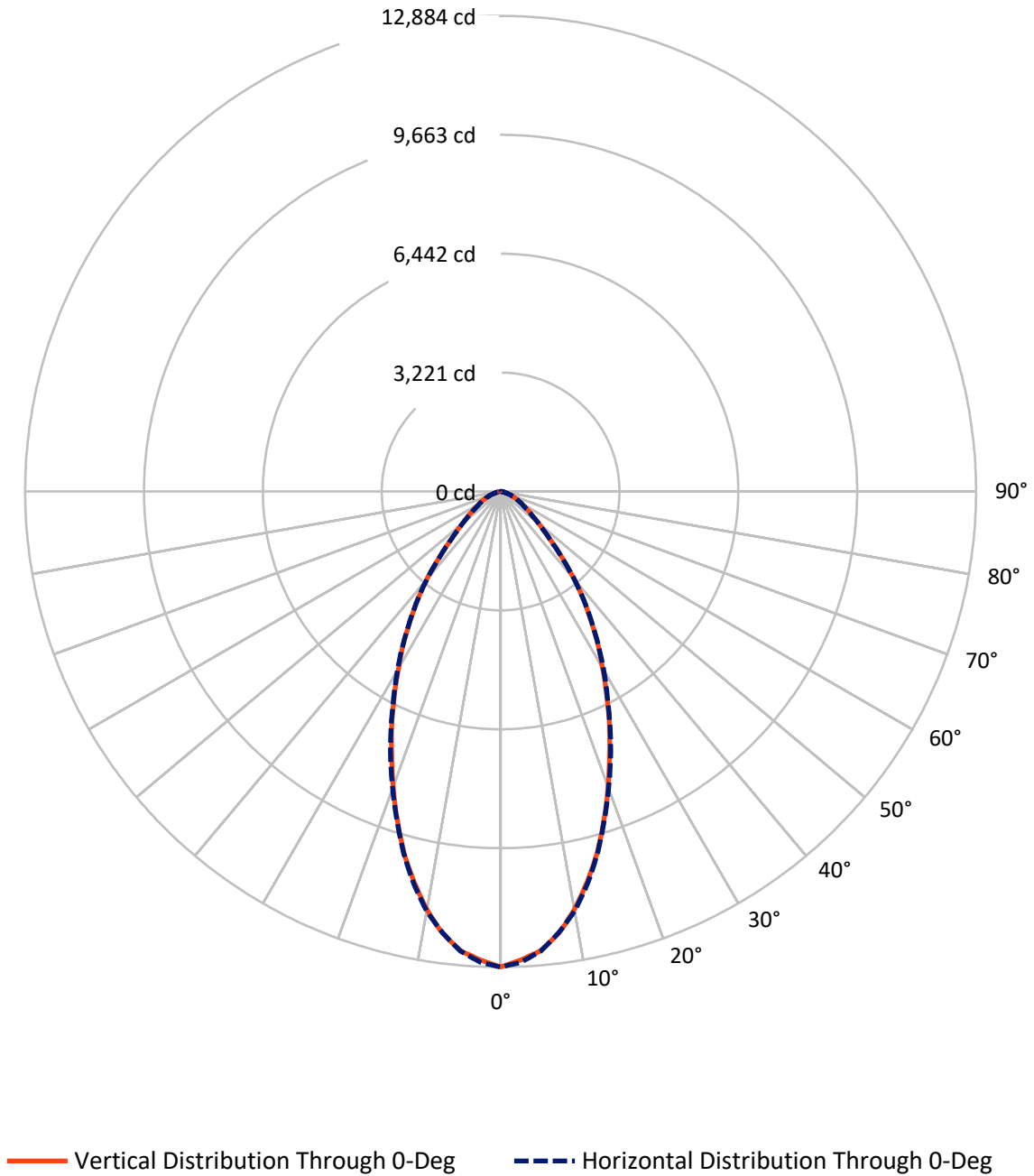
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Lumen Table

90															90				
80	0.5	3.6		8.2		13.7		11.8		13.7		8.2		3.6		0.5			
70															70				
60	1.7	2.0	3.8	6.0	8.7	11.3	13.3	14.3	14.3	13.3	11.3	8.7	6.0	3.8	2.0	1.7			
		2.8	5.7	9.8	15.1	20.8	25.9	28.9	28.9	25.9	20.8	15.1	9.8	5.7	2.8				
50															50				
40	2.5	3.6	7.8	14.7	24.8	38.1	52.5	62.1	62.1	52.5	38.1	24.8	14.7	7.8	3.6	2.5			
		4.4	10.3	21.4	41.6	73.8	107.2	127.2	127.2	107.2	73.8	41.6	21.4	10.3	4.4				
30															30				
20	3.0	5.1	12.8	29.9	67.2	120.8	172.8	206.6	206.6	172.8	120.8	67.2	29.9	12.8	5.1	3.0			
		5.7	15.0	38.8	91.7	163.1	240.8	296.2	296.2	240.8	163.1	91.7	38.8	15.0	5.7				
10															10				
0	3.1	6.0	16.3	44.5	105.6	189.6	288.5	362.8	362.8	288.5	189.6	105.6	44.5	16.3	6.0	3.1			
		6.0	16.3	44.5	105.6	189.6	288.5	362.8	362.8	288.5	189.6	105.6	44.5	16.3	6.0				
-10															-10				
-20	3.0	5.7	15.0	38.8	91.7	163.1	240.8	296.2	296.2	240.8	163.1	91.7	38.8	15.0	5.7	3.0			
		5.1	12.8	29.9	67.2	120.8	172.8	206.6	206.6	172.8	120.8	67.2	29.9	12.8	5.1				
-30															-30				
-40	2.5	4.4	10.3	21.4	41.6	73.8	107.2	127.2	127.2	107.2	73.8	41.6	21.4	10.3	4.4	2.5			
		3.6	7.8	14.7	24.8	38.1	52.5	62.1	62.1	52.5	38.1	24.8	14.7	7.8	3.6				
-50															-50				
-60	1.7	2.8	5.7	9.8	15.1	20.8	25.9	28.9	28.9	25.9	20.8	15.1	9.8	5.7	2.8	1.7			
		2.0	3.8	6.0	8.7	11.3	13.3	14.3	14.3	13.3	11.3	8.7	6.0	3.8	2.0				
-70															-70				
-80	0.5	3.6		8.2		13.7		11.8		13.7		8.2		3.6		0.5			
-90															-90				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

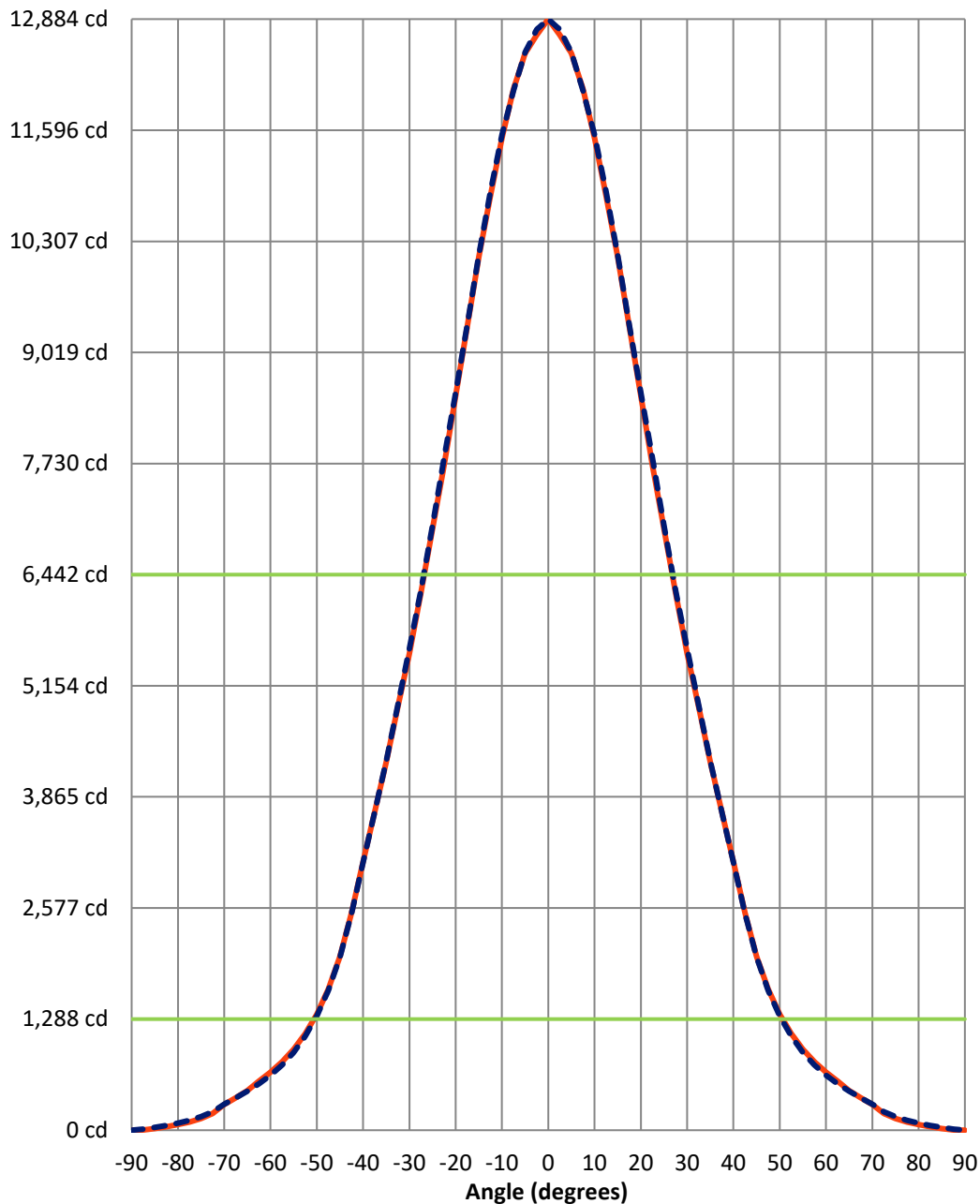
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 6269.8
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 11572.6
 Efficiency: 88.3%

Spill:
 Lumens: 1540.3
 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	0.7	1.5	2.5	3.6	4.8	6.1	6.8	7.3	7.8	8.1
85°	0.0	1.3	3.0	4.9	7.1	9.5	12.2	13.6	14.6	15.5	16.2
82.5°	0.0	2.0	4.5	7.4	10.6	14.3	18.3	20.3	22.4	26.0	29.1
80°	0.0	2.6	6.0	9.8	14.1	18.9	24.8	30.9	36.1	40.8	44.9
77.5°	0.0	3.2	7.4	12.2	17.5	24.6	35.4	43.3	49.8	55.6	61.4
75°	0.0	3.9	8.9	14.5	21.2	32.2	45.8	55.6	63.4	71.3	79.8
72.5°	0.0	4.5	10.3	16.8	26.3	39.5	55.7	67.7	77.1	87.2	98.0
70°	0.0	5.1	11.6	19.2	31.2	46.6	65.2	79.1	90.6	102.8	117.2
67.5°	0.0	5.7	13.0	22.2	35.9	53.3	73.4	90.3	103.8	119.0	136.3
65°	0.0	6.2	14.2	25.0	40.3	59.5	81.2	101.3	116.8	134.5	154.3
62.5°	0.0	6.8	15.5	27.7	44.5	65.1	88.6	111.6	129.3	149.4	171.0
60°	0.0	7.3	16.7	30.3	48.4	70.4	95.5	121.5	141.2	163.9	187.2
57.5°	0.0	7.9	18.1	32.7	52.0	75.4	101.7	130.3	153.2	177.8	202.2
55°	0.0	8.4	19.5	34.8	55.4	79.9	107.5	137.4	165.0	191.2	216.5
52.5°	0.0	8.8	20.8	36.9	58.5	84.1	112.8	145.1	176.4	203.9	230.5
50°	0.0	9.3	22.1	38.7	61.4	87.9	117.6	152.3	187.3	216.3	245.9
47.5°	0.0	9.7	23.3	40.3	63.9	91.4	122.0	158.9	198.1	228.4	260.9
45°	0.0	10.1	24.5	42.0	66.1	94.4	127.0	164.8	205.8	241.5	275.5
42.5°	0.0	10.5	25.6	43.4	68.1	97.1	131.5	170.6	212.9	254.1	290.6
40°	0.0	10.9	26.6	45.0	69.8	99.3	135.4	176.2	219.9	265.8	305.2
37.5°	0.0	11.2	27.6	46.6	71.3	101.2	138.7	181.3	227.6	275.1	319.1
35°	0.0	11.5	28.5	48.1	72.6	103.2	141.5	185.9	234.9	285.2	333.3
32.5°	0.0	11.8	29.3	49.5	73.5	105.2	144.0	189.8	241.9	295.6	347.7
30°	0.0	12.0	30.0	50.7	74.2	106.7	146.9	193.7	248.6	306.0	361.4
27.5°	0.0	12.2	30.7	51.8	75.8	107.8	149.2	198.5	255.5	316.4	374.2
25°	0.0	12.4	31.2	52.7	77.3	108.5	151.0	202.8	263.2	326.7	386.1
22.5°	0.0	12.5	31.8	53.6	78.7	109.3	152.3	206.6	270.5	336.1	399.2
20°	0.0	12.7	32.2	54.2	79.8	111.3	153.0	209.8	277.5	344.5	410.9
17.5°	0.0	12.8	32.5	54.7	80.8	112.9	154.8	212.4	283.9	352.0	421.2
15°	0.0	12.8	32.8	55.1	81.6	114.2	156.8	214.8	289.6	358.4	430.1
12.5°	0.0	12.9	33.0	55.4	82.2	115.1	158.3	217.0	294.5	363.8	437.4
10°	0.0	12.9	33.1	55.5	82.5	115.7	159.2	218.2	298.2	368.3	443.4
7.5°	0.0	12.9	33.2	55.5	82.7	116.0	159.6	218.5	300.9	371.8	448.0
5°	0.0	12.9	33.1	55.3	82.7	115.9	159.4	217.8	302.3	374.1	451.1
2.5°	0.0	12.8	33.0	55.0	82.5	115.4	158.7	216.3	302.5	375.3	452.7
0°	0.0	12.7	32.8	54.6	82.0	114.7	157.5	214.0	301.4	375.2	452.6
-2.5°	0.0	12.8	33.0	55.0	82.5	115.4	158.7	216.3	302.5	375.3	452.7
-5°	0.0	12.9	33.1	55.3	82.7	115.9	159.4	217.8	302.3	374.1	451.1
-7.5°	0.0	12.9	33.2	55.5	82.7	116.0	159.6	218.5	300.9	371.8	448.0
-10°	0.0	12.9	33.1	55.5	82.5	115.7	159.2	218.2	298.2	368.3	443.4
-12.5°	0.0	12.9	33.0	55.4	82.2	115.1	158.3	217.0	294.5	363.8	437.4
-15°	0.0	12.8	32.8	55.1	81.6	114.2	156.8	214.8	289.6	358.4	430.1
-17.5°	0.0	12.8	32.5	54.7	80.8	112.9	154.8	212.4	283.9	352.0	421.2
-20°	0.0	12.7	32.2	54.2	79.8	111.3	153.0	209.8	277.5	344.5	410.9

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.5	31.8	53.6	78.7	109.3	152.3	206.6	270.5	336.1	399.2
-25°	0.0	12.4	31.2	52.7	77.3	108.5	151.0	202.8	263.2	326.7	386.1
-27.5°	0.0	12.2	30.7	51.8	75.8	107.8	149.2	198.5	255.5	316.4	374.2
-30°	0.0	12.0	30.0	50.7	74.2	106.7	146.9	193.7	248.6	306.0	361.4
-32.5°	0.0	11.8	29.3	49.5	73.5	105.2	144.0	189.8	241.9	295.6	347.7
-35°	0.0	11.5	28.5	48.1	72.6	103.2	141.5	185.9	234.9	285.2	333.3
-37.5°	0.0	11.2	27.6	46.6	71.3	101.2	138.7	181.3	227.6	275.1	319.1
-40°	0.0	10.9	26.6	45.0	69.8	99.3	135.4	176.2	219.9	265.8	305.2
-42.5°	0.0	10.5	25.6	43.4	68.1	97.1	131.5	170.6	212.9	254.1	290.6
-45°	0.0	10.1	24.5	42.0	66.1	94.4	127.0	164.8	205.8	241.5	275.5
-47.5°	0.0	9.7	23.3	40.3	63.9	91.4	122.0	158.9	198.1	228.4	260.9
-50°	0.0	9.3	22.1	38.7	61.4	87.9	117.6	152.3	187.3	216.3	245.9
-52.5°	0.0	8.8	20.8	36.9	58.5	84.1	112.8	145.1	176.4	203.9	230.5
-55°	0.0	8.4	19.5	34.8	55.4	79.9	107.5	137.4	165.0	191.2	216.5
-57.5°	0.0	7.9	18.1	32.7	52.0	75.4	101.7	130.3	153.2	177.8	202.2
-60°	0.0	7.3	16.7	30.3	48.4	70.4	95.5	121.5	141.2	163.9	187.2
-62.5°	0.0	6.8	15.5	27.7	44.5	65.1	88.6	111.6	129.3	149.4	171.0
-65°	0.0	6.2	14.2	25.0	40.3	59.5	81.2	101.3	116.8	134.5	154.3
-67.5°	0.0	5.7	13.0	22.2	35.9	53.3	73.4	90.3	103.8	119.0	136.3
-70°	0.0	5.1	11.6	19.2	31.2	46.6	65.2	79.1	90.6	102.8	117.2
-72.5°	0.0	4.5	10.3	16.8	26.3	39.5	55.7	67.7	77.1	87.2	98.0
-75°	0.0	3.9	8.9	14.5	21.2	32.2	45.8	55.6	63.4	71.3	79.8
-77.5°	0.0	3.2	7.4	12.2	17.5	24.6	35.4	43.3	49.8	55.6	61.4
-80°	0.0	2.6	6.0	9.8	14.1	18.9	24.8	30.9	36.1	40.8	44.9
-82.5°	0.0	2.0	4.5	7.4	10.6	14.3	18.3	20.3	22.4	26.0	29.1
-85°	0.0	1.3	3.0	4.9	7.1	9.5	12.2	13.6	14.6	15.5	16.2
-87.5°	0.0	0.7	1.5	2.5	3.6	4.8	6.1	6.8	7.3	7.8	8.1
-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°	8.2	8.2	8.1	7.9	7.5	7.0	6.5	5.8	6.0	6.3	6.5
85°	16.4	16.4	17.8	19.1	19.7	19.7	19.3	18.5	20.9	23.6	26.6
82.5°	32.1	34.9	37.5	40.0	40.2	39.6	38.4	36.9	41.8	47.7	53.8
80°	49.2	53.3	58.0	62.4	63.4	63.0	61.6	59.3	65.8	74.9	84.7
77.5°	68.2	74.7	80.8	86.4	88.0	87.7	86.7	84.9	93.1	105.7	118.7
75°	88.3	96.2	104.0	110.9	113.8	114.1	113.7	115.6	126.4	141.1	154.1
72.5°	109.3	119.3	128.1	135.7	140.4	144.0	148.7	154.6	165.4	179.9	192.6
70°	131.4	142.6	151.9	160.2	167.5	175.3	185.4	195.4	206.8	221.2	234.5
67.5°	153.3	164.6	175.1	185.4	198.5	211.1	223.6	236.7	251.1	266.3	279.7
65°	173.5	186.3	199.1	214.1	231.1	245.4	260.9	277.9	296.8	313.9	329.4
62.5°	193.0	207.4	223.2	241.3	259.8	277.7	298.5	320.3	342.3	363.7	384.9
60°	209.4	227.3	246.5	266.9	288.3	312.7	337.0	363.0	389.3	415.1	441.4
57.5°	225.2	247.4	269.5	293.3	319.9	347.8	376.9	406.2	437.7	468.9	498.7
55°	241.6	267.7	292.9	321.1	351.6	384.3	417.3	452.7	487.6	526.8	563.0
52.5°	259.1	287.5	317.1	349.4	385.0	421.9	460.6	501.2	544.6	588.2	632.5
50°	276.1	308.2	341.1	379.7	419.6	461.7	506.4	553.8	604.3	654.8	708.4
47.5°	294.0	328.2	368.5	410.4	456.0	504.0	554.6	610.9	667.0	730.6	792.1
45°	311.6	350.9	394.6	443.3	493.5	547.5	607.6	669.5	741.1	812.9	893.7
42.5°	328.5	373.8	423.2	475.2	532.3	594.4	660.9	738.7	819.5	908.4	1003.1
40°	347.9	395.7	451.3	509.5	571.4	642.3	722.4	808.7	907.3	1012.6	1120.2
37.5°	366.7	420.5	479.0	542.2	614.0	693.9	782.3	888.2	1001.9	1121.6	1268.0
35°	384.4	444.0	507.6	576.8	654.6	747.2	852.9	969.9	1100.9	1255.4	1426.2
32.5°	403.1	466.3	534.6	612.2	700.3	801.4	921.5	1059.2	1214.3	1390.2	1603.9
30°	422.0	489.2	561.5	645.4	743.4	860.4	996.9	1149.1	1327.4	1548.0	1799.0
27.5°	439.5	510.6	589.8	680.6	785.2	914.8	1069.3	1247.7	1457.8	1707.1	2000.2
25°	455.6	530.1	615.8	714.0	831.5	973.5	1141.1	1338.6	1588.3	1885.5	2246.1
22.5°	470.9	548.0	639.4	744.1	873.1	1030.4	1218.9	1445.0	1721.0	2054.6	2487.0
20°	485.3	567.2	662.7	772.9	910.3	1081.7	1290.5	1544.3	1858.3	2253.3	2723.2
17.5°	497.9	584.1	684.8	804.1	951.8	1133.9	1358.0	1632.0	1980.6	2430.7	2941.2
15°	508.8	598.7	703.9	831.0	989.1	1185.7	1428.9	1728.1	2108.1	2592.1	3132.6
12.5°	517.8	611.0	720.0	853.7	1020.5	1229.5	1489.5	1813.8	2232.4	2744.1	3300.6
10°	525.0	620.8	732.9	872.0	1045.7	1265.1	1539.3	1883.9	2335.8	2874.4	3442.8
7.5°	531.0	628.4	742.9	885.9	1064.9	1292.3	1578.2	1938.0	2416.6	2977.6	3551.8
5°	535.3	633.9	750.4	895.6	1078.9	1311.3	1605.3	1975.8	2474.1	3052.3	3626.4
2.5°	537.7	636.9	754.7	900.8	1087.6	1322.0	1619.6	1999.6	2505.7	3095.0	3671.5
0°	538.2	637.4	755.8	901.5	1090.0	1324.0	1621.8	2007.0	2512.3	3106.0	3687.9
-2.5°	537.7	636.9	754.7	900.8	1087.6	1322.0	1619.6	1999.6	2505.7	3095.0	3671.5
-5°	535.3	633.9	750.4	895.6	1078.9	1311.3	1605.3	1975.8	2474.1	3052.3	3626.4
-7.5°	531.0	628.4	742.9	885.9	1064.9	1292.3	1578.2	1938.0	2416.6	2977.6	3551.8
-10°	525.0	620.8	732.9	872.0	1045.7	1265.1	1539.3	1883.9	2335.8	2874.4	3442.8
-12.5°	517.8	611.0	720.0	853.7	1020.5	1229.5	1489.5	1813.8	2232.4	2744.1	3300.6
-15°	508.8	598.7	703.9	831.0	989.1	1185.7	1428.9	1728.1	2108.1	2592.1	3132.6
-17.5°	497.9	584.1	684.8	804.1	951.8	1133.9	1358.0	1632.0	1980.6	2430.7	2941.2
-20°	485.3	567.2	662.7	772.9	910.3	1081.7	1290.5	1544.3	1858.3	2253.3	2723.2



REPORT NUMBER: P627093 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	470.9	548.0	639.4	744.1	873.1	1030.4	1218.9	1445.0	1721.0	2054.6	2487.0
-25°	455.6	530.1	615.8	714.0	831.5	973.5	1141.1	1338.6	1588.3	1885.5	2246.1
-27.5°	439.5	510.6	589.8	680.6	785.2	914.8	1069.3	1247.7	1457.8	1707.1	2000.2
-30°	422.0	489.2	561.5	645.4	743.4	860.4	996.9	1149.1	1327.4	1548.0	1799.0
-32.5°	403.1	466.3	534.6	612.2	700.3	801.4	921.5	1059.2	1214.3	1390.2	1603.9
-35°	384.4	444.0	507.6	576.8	654.6	747.2	852.9	969.9	1100.9	1255.4	1426.2
-37.5°	366.7	420.5	479.0	542.2	614.0	693.9	782.3	888.2	1001.9	1121.6	1268.0
-40°	347.9	395.7	451.3	509.5	571.4	642.3	722.4	808.7	907.3	1012.6	1120.2
-42.5°	328.5	373.8	423.2	475.2	532.3	594.4	660.9	738.7	819.5	908.4	1003.1
-45°	311.6	350.9	394.6	443.3	493.5	547.5	607.6	669.5	741.1	812.9	893.7
-47.5°	294.0	328.2	368.5	410.4	456.0	504.0	554.6	610.9	667.0	730.6	792.1
-50°	276.1	308.2	341.1	379.7	419.6	461.7	506.4	553.8	604.3	654.8	708.4
-52.5°	259.1	287.5	317.1	349.4	385.0	421.9	460.6	501.2	544.6	588.2	632.5
-55°	241.6	267.7	292.9	321.1	351.6	384.3	417.3	452.7	487.6	526.8	563.0
-57.5°	225.2	247.4	269.5	293.3	319.9	347.8	376.9	406.2	437.7	468.9	498.7
-60°	209.4	227.3	246.5	266.9	288.3	312.7	337.0	363.0	389.3	415.1	441.4
-62.5°	193.0	207.4	223.2	241.3	259.8	277.7	298.5	320.3	342.3	363.7	384.9
-65°	173.5	186.3	199.1	214.1	231.1	245.4	260.9	277.9	296.8	313.9	329.4
-67.5°	153.3	164.6	175.1	185.4	198.5	211.1	223.6	236.7	251.1	266.3	279.7
-70°	131.4	142.6	151.9	160.2	167.5	175.3	185.4	195.4	206.8	221.2	234.5
-72.5°	109.3	119.3	128.1	135.7	140.4	144.0	148.7	154.6	165.4	179.9	192.6
-75°	88.3	96.2	104.0	110.9	113.8	114.1	113.7	115.6	126.4	141.1	154.1
-77.5°	68.2	74.7	80.8	86.4	88.0	87.7	86.7	84.9	93.1	105.7	118.7
-80°	49.2	53.3	58.0	62.4	63.4	63.0	61.6	59.3	65.8	74.9	84.7
-82.5°	32.1	34.9	37.5	40.0	40.2	39.6	38.4	36.9	41.8	47.7	53.8
-85°	16.4	16.4	17.8	19.1	19.7	19.7	19.3	18.5	20.9	23.6	26.6
-87.5°	8.2	8.2	8.1	7.9	7.5	7.0	6.5	5.8	6.0	6.3	6.5
-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: P627093 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	6.7	6.5	6.3	6.1	5.8	5.7	5.6	5.5	5.3	4.9	4.5
85°	29.6	30.3	30.6	30.8	30.8	31.8	32.7	33.6	34.3	31.1	27.5
82.5°	60.2	63.1	65.5	68.0	70.4	72.1	73.4	74.3	74.9	67.8	59.8
80°	94.8	100.7	105.7	110.4	114.9	116.0	116.0	115.3	114.1	104.4	93.4
77.5°	131.8	139.6	145.8	151.9	157.9	160.1	161.2	162.0	162.6	150.6	135.8
75°	165.4	174.7	183.3	191.3	198.7	202.7	205.0	206.8	208.3	196.2	180.4
72.5°	203.7	213.5	222.9	231.8	239.6	244.8	248.2	251.0	253.2	246.3	236.4
70°	245.9	256.0	265.9	275.1	284.0	291.0	296.5	301.2	305.1	305.9	305.5
67.5°	292.7	304.6	316.4	326.4	336.9	346.8	355.5	362.7	368.4	372.2	374.4
65°	345.1	363.1	379.2	392.8	404.2	417.3	428.9	437.8	444.0	448.8	452.9
62.5°	407.0	428.8	447.1	465.3	484.0	502.1	513.5	524.9	536.1	546.6	555.6
60°	466.5	490.5	515.3	538.4	559.8	579.5	599.9	618.0	633.9	647.1	656.9
57.5°	530.0	559.1	587.3	616.7	644.4	670.2	695.4	718.6	738.8	755.7	769.5
55°	598.8	634.5	668.1	705.4	741.5	774.5	804.9	836.0	864.0	888.7	908.3
52.5°	673.1	719.5	763.9	807.7	854.6	896.8	934.7	977.8	1016.1	1047.7	1072.3
50°	761.8	816.3	874.9	929.2	988.3	1046.5	1100.2	1152.2	1203.0	1247.0	1282.6
47.5°	862.7	929.8	1002.5	1074.4	1147.8	1227.4	1298.4	1364.4	1435.4	1497.2	1546.7
45°	974.9	1060.4	1148.2	1249.3	1342.5	1444.8	1539.4	1624.4	1725.2	1814.0	1885.6
42.5°	1099.4	1213.3	1328.7	1456.1	1579.8	1709.6	1847.4	1969.7	2103.5	2231.0	2334.0
40°	1253.7	1389.8	1544.4	1698.7	1876.1	2042.8	2243.6	2426.2	2591.9	2743.9	2868.5
37.5°	1425.2	1600.4	1794.6	1995.5	2238.3	2476.3	2711.4	2933.4	3129.3	3295.7	3435.3
35°	1619.9	1842.5	2077.7	2371.0	2655.5	2940.5	3206.1	3448.7	3661.8	3849.5	4009.2
32.5°	1843.7	2110.9	2440.3	2769.7	3094.2	3408.1	3699.6	3964.2	4198.0	4408.7	4592.3
30°	2079.1	2443.8	2813.4	3174.8	3529.2	3873.0	4193.0	4484.4	4748.5	4983.1	5194.6
27.5°	2378.3	2782.3	3185.4	3575.0	3964.9	4341.2	4687.9	5011.7	5314.7	5579.9	5821.6
25°	2667.6	3114.0	3542.5	3967.3	4391.7	4795.7	5183.4	5549.0	5896.1	6200.5	6470.4
22.5°	2956.9	3424.1	3882.0	4338.8	4794.7	5245.0	5680.3	6099.3	6487.5	6834.0	7137.8
20°	3224.8	3713.3	4202.9	4695.3	5189.5	5682.4	6171.4	6642.9	7075.3	7475.5	7827.1
17.5°	3465.0	3984.5	4503.6	5030.3	5566.0	6101.2	6644.4	7172.9	7667.3	8122.6	8530.4
15°	3677.8	4219.8	4777.3	5345.6	5920.9	6502.2	7094.9	7686.2	8242.7	8759.8	9215.2
12.5°	3863.8	4427.3	5011.6	5615.5	6239.9	6873.1	7519.9	8168.1	8784.2	9381.2	9872.9
10°	4017.3	4603.8	5214.5	5849.0	6507.5	7188.9	7882.9	8580.7	9259.4	9892.7	10455.1
7.5°	4135.8	4744.3	5373.6	6033.5	6724.4	7443.0	8178.1	8918.6	9642.9	10325.3	10947.4
5°	4219.4	4846.5	5483.7	6170.2	6885.1	7629.8	8393.8	9165.5	9922.7	10640.2	11285.0
2.5°	4267.9	4907.9	5547.9	6253.3	6980.6	7742.8	8527.6	9311.9	10089.1	10833.3	11495.9
0°	4280.7	4926.3	5584.7	6262.2	7010.7	7795.6	8552.3	9339.1	10146.8	10880.7	11540.9
-2.5°	4267.9	4907.9	5547.9	6253.3	6980.6	7742.8	8527.6	9311.9	10089.1	10833.3	11495.9
-5°	4219.4	4846.5	5483.7	6170.2	6885.1	7629.8	8393.8	9165.5	9922.7	10640.2	11285.0
-7.5°	4135.8	4744.3	5373.6	6033.5	6724.4	7443.0	8178.1	8918.6	9642.9	10325.3	10947.4
-10°	4017.3	4603.8	5214.5	5849.0	6507.5	7188.9	7882.9	8580.7	9259.4	9892.7	10455.1
-12.5°	3863.8	4427.3	5011.6	5615.5	6239.9	6873.1	7519.9	8168.1	8784.2	9381.2	9872.9
-15°	3677.8	4219.8	4777.3	5345.6	5920.9	6502.2	7094.9	7686.2	8242.7	8759.8	9215.2
-17.5°	3465.0	3984.5	4503.6	5030.3	5566.0	6101.2	6644.4	7172.9	7667.3	8122.6	8530.4
-20°	3224.8	3713.3	4202.9	4695.3	5189.5	5682.4	6171.4	6642.9	7075.3	7475.5	7827.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627093 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	2956.9	3424.1	3882.0	4338.8	4794.7	5245.0	5680.3	6099.3	6487.5	6834.0	7137.8
-25°	2667.6	3114.0	3542.5	3967.3	4391.7	4795.7	5183.4	5549.0	5896.1	6200.5	6470.4
-27.5°	2378.3	2782.3	3185.4	3575.0	3964.9	4341.2	4687.9	5011.7	5314.7	5579.9	5821.6
-30°	2079.1	2443.8	2813.4	3174.8	3529.2	3873.0	4193.0	4484.4	4748.5	4983.1	5194.6
-32.5°	1843.7	2110.9	2440.3	2769.7	3094.2	3408.1	3699.6	3964.2	4198.0	4408.7	4592.3
-35°	1619.9	1842.5	2077.7	2371.0	2655.5	2940.5	3206.1	3448.7	3661.8	3849.5	4009.2
-37.5°	1425.2	1600.4	1794.6	1995.5	2238.3	2476.3	2711.4	2933.4	3129.3	3295.7	3435.3
-40°	1253.7	1389.8	1544.4	1698.7	1876.1	2042.8	2243.6	2426.2	2591.9	2743.9	2868.5
-42.5°	1099.4	1213.3	1328.7	1456.1	1579.8	1709.6	1847.4	1969.7	2103.5	2231.0	2334.0
-45°	974.9	1060.4	1148.2	1249.3	1342.5	1444.8	1539.4	1624.4	1725.2	1814.0	1885.6
-47.5°	862.7	929.8	1002.5	1074.4	1147.8	1227.4	1298.4	1364.4	1435.4	1497.2	1546.7
-50°	761.8	816.3	874.9	929.2	988.3	1046.5	1100.2	1152.2	1203.0	1247.0	1282.6
-52.5°	673.1	719.5	763.9	807.7	854.6	896.8	934.7	977.8	1016.1	1047.7	1072.3
-55°	598.8	634.5	668.1	705.4	741.5	774.5	804.9	836.0	864.0	888.7	908.3
-57.5°	530.0	559.1	587.3	616.7	644.4	670.2	695.4	718.6	738.8	755.7	769.5
-60°	466.5	490.5	515.3	538.4	559.8	579.5	599.9	618.0	633.9	647.1	656.9
-62.5°	407.0	428.8	447.1	465.3	484.0	502.1	513.5	524.9	536.1	546.6	555.6
-65°	345.1	363.1	379.2	392.8	404.2	417.3	428.9	437.8	444.0	448.8	452.9
-67.5°	292.7	304.6	316.4	326.4	336.9	346.8	355.5	362.7	368.4	372.2	374.4
-70°	245.9	256.0	265.9	275.1	284.0	291.0	296.5	301.2	305.1	305.9	305.5
-72.5°	203.7	213.5	222.9	231.8	239.6	244.8	248.2	251.0	253.2	246.3	236.4
-75°	165.4	174.7	183.3	191.3	198.7	202.7	205.0	206.8	208.3	196.2	180.4
-77.5°	131.8	139.6	145.8	151.9	157.9	160.1	161.2	162.0	162.6	150.6	135.8
-80°	94.8	100.7	105.7	110.4	114.9	116.0	116.0	115.3	114.1	104.4	93.4
-82.5°	60.2	63.1	65.5	68.0	70.4	72.1	73.4	74.3	74.9	67.8	59.8
-85°	29.6	30.3	30.6	30.8	30.8	31.8	32.7	33.6	34.3	31.1	27.5
-87.5°	6.7	6.5	6.3	6.1	5.8	5.7	5.6	5.5	5.3	4.9	4.5
-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: P627093 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	4.0	3.6	3.1	2.7	3.1	3.6	4.0	4.5	4.9	5.3	5.5
85°	23.8	19.9	19.5	19.1	19.5	19.9	23.8	27.5	31.1	34.3	33.6
82.5°	51.4	42.7	41.4	40.1	41.4	42.7	51.4	59.8	67.8	74.9	74.3
80°	81.9	70.1	67.8	65.6	67.8	70.1	81.9	93.4	104.4	114.1	115.3
77.5°	120.2	104.0	99.2	94.7	99.2	104.0	120.2	135.8	150.6	162.6	162.0
75°	163.9	146.8	141.1	135.7	141.1	146.8	163.9	180.4	196.2	208.3	206.8
72.5°	226.3	215.9	205.5	194.0	205.5	215.9	226.3	236.4	246.3	253.2	251.0
70°	305.2	304.5	301.9	297.8	301.9	304.5	305.2	305.5	305.9	305.1	301.2
67.5°	375.3	375.0	375.9	376.1	375.9	375.0	375.3	374.4	372.2	368.4	362.7
65°	455.3	456.2	458.1	458.9	458.1	456.2	455.3	452.9	448.8	444.0	437.8
62.5°	562.5	567.1	569.4	569.1	569.4	567.1	562.5	555.6	546.6	536.1	524.9
60°	664.3	669.1	672.1	672.9	672.1	669.1	664.3	656.9	647.1	633.9	618.0
57.5°	780.5	788.4	792.5	793.1	792.5	788.4	780.5	769.5	755.7	738.8	718.6
55°	923.3	933.8	938.5	937.9	938.5	933.8	923.3	908.3	888.7	864.0	836.0
52.5°	1091.0	1103.8	1113.3	1119.1	1113.3	1103.8	1091.0	1072.3	1047.7	1016.1	977.8
50°	1309.3	1327.6	1339.3	1344.0	1339.3	1327.6	1309.3	1282.6	1247.0	1203.0	1152.2
47.5°	1582.5	1606.7	1624.7	1637.3	1624.7	1606.7	1582.5	1546.7	1497.2	1435.4	1364.4
45°	1938.3	1975.3	2000.4	2015.1	2000.4	1975.3	1938.3	1885.6	1814.0	1725.2	1624.4
42.5°	2414.4	2471.8	2507.0	2520.5	2507.0	2471.8	2414.4	2334.0	2231.0	2103.5	1969.7
40°	2966.9	3035.9	3081.2	3112.4	3081.2	3035.9	2966.9	2868.5	2743.9	2591.9	2426.2
37.5°	3542.4	3614.8	3658.9	3688.8	3658.9	3614.8	3542.4	3435.3	3295.7	3129.3	2933.4
35°	4129.5	4205.3	4246.6	4269.8	4246.6	4205.3	4129.5	4009.2	3849.5	3661.8	3448.7
32.5°	4732.2	4815.7	4860.7	4907.2	4860.7	4815.7	4732.2	4592.3	4408.7	4198.0	3964.2
30°	5361.7	5457.6	5504.6	5527.3	5504.6	5457.6	5361.7	5194.6	4983.1	4748.5	4484.4
27.5°	6016.7	6136.3	6195.2	6233.9	6195.2	6136.3	6016.7	5821.6	5579.9	5314.7	5011.7
25°	6698.3	6846.5	6913.9	6974.3	6913.9	6846.5	6698.3	6470.4	6200.5	5896.1	5549.0
22.5°	7405.5	7589.9	7668.1	7710.9	7668.1	7589.9	7405.5	7137.8	6834.0	6487.5	6099.3
20°	8131.1	8351.5	8460.1	8515.9	8460.1	8351.5	8131.1	7827.1	7475.5	7075.3	6642.9
17.5°	8873.1	9147.3	9287.7	9320.0	9287.7	9147.3	8873.1	8530.4	8122.6	7667.3	7172.9
15°	9601.6	9898.1	10064.1	10124.9	10064.1	9898.1	9601.6	9215.2	8759.8	8242.7	7686.2
12.5°	10291.4	10598.8	10797.1	10832.5	10797.1	10598.8	10291.4	9872.9	9381.2	8784.2	8168.1
10°	10917.0	11235.4	11454.6	11504.5	11454.6	11235.4	10917.0	10455.1	9892.7	9259.4	8580.7
7.5°	11440.0	11789.5	12031.5	12073.6	12031.5	11789.5	11440.0	10947.4	10325.3	9642.9	8918.6
5°	11822.8	12237.6	12436.2	12486.1	12436.2	12237.6	11822.8	11285.0	10640.2	9922.7	9165.5
2.5°	12032.6	12454.9	12731.1	12699.2	12731.1	12454.9	12032.6	11495.9	10833.3	10089.1	9311.9
0°	12056.3	12497.9	12762.0	12884.0	12762.0	12497.9	12056.3	11540.9	10880.7	10146.8	9339.1
-2.5°	12032.6	12454.9	12731.1	12699.2	12731.1	12454.9	12032.6	11495.9	10833.3	10089.1	9311.9
-5°	11822.8	12237.6	12436.2	12486.1	12436.2	12237.6	11822.8	11285.0	10640.2	9922.7	9165.5
-7.5°	11440.0	11789.5	12031.5	12073.6	12031.5	11789.5	11440.0	10947.4	10325.3	9642.9	8918.6
-10°	10917.0	11235.4	11454.6	11504.5	11454.6	11235.4	10917.0	10455.1	9892.7	9259.4	8580.7
-12.5°	10291.4	10598.8	10797.1	10832.5	10797.1	10598.8	10291.4	9872.9	9381.2	8784.2	8168.1
-15°	9601.6	9898.1	10064.1	10124.9	10064.1	9898.1	9601.6	9215.2	8759.8	8242.7	7686.2
-17.5°	8873.1	9147.3	9287.7	9320.0	9287.7	9147.3	8873.1	8530.4	8122.6	7667.3	7172.9
-20°	8131.1	8351.5	8460.1	8515.9	8460.1	8351.5	8131.1	7827.1	7475.5	7075.3	6642.9



REPORT NUMBER: P627093 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	7405.5	7589.9	7668.1	7710.9	7668.1	7589.9	7405.5	7137.8	6834.0	6487.5	6099.3
-25°	6698.3	6846.5	6913.9	6974.3	6913.9	6846.5	6698.3	6470.4	6200.5	5896.1	5549.0
-27.5°	6016.7	6136.3	6195.2	6233.9	6195.2	6136.3	6016.7	5821.6	5579.9	5314.7	5011.7
-30°	5361.7	5457.6	5504.6	5527.3	5504.6	5457.6	5361.7	5194.6	4983.1	4748.5	4484.4
-32.5°	4732.2	4815.7	4860.7	4907.2	4860.7	4815.7	4732.2	4592.3	4408.7	4198.0	3964.2
-35°	4129.5	4205.3	4246.6	4269.8	4246.6	4205.3	4129.5	4009.2	3849.5	3661.8	3448.7
-37.5°	3542.4	3614.8	3658.9	3688.8	3658.9	3614.8	3542.4	3435.3	3295.7	3129.3	2933.4
-40°	2966.9	3035.9	3081.2	3112.4	3081.2	3035.9	2966.9	2868.5	2743.9	2591.9	2426.2
-42.5°	2414.4	2471.8	2507.0	2520.5	2507.0	2471.8	2414.4	2334.0	2231.0	2103.5	1969.7
-45°	1938.3	1975.3	2000.4	2015.1	2000.4	1975.3	1938.3	1885.6	1814.0	1725.2	1624.4
-47.5°	1582.5	1606.7	1624.7	1637.3	1624.7	1606.7	1582.5	1546.7	1497.2	1435.4	1364.4
-50°	1309.3	1327.6	1339.3	1344.0	1339.3	1327.6	1309.3	1282.6	1247.0	1203.0	1152.2
-52.5°	1091.0	1103.8	1113.3	1119.1	1113.3	1103.8	1091.0	1072.3	1047.7	1016.1	977.8
-55°	923.3	933.8	938.5	937.9	938.5	933.8	923.3	908.3	888.7	864.0	836.0
-57.5°	780.5	788.4	792.5	793.1	792.5	788.4	780.5	769.5	755.7	738.8	718.6
-60°	664.3	669.1	672.1	672.9	672.1	669.1	664.3	656.9	647.1	633.9	618.0
-62.5°	562.5	567.1	569.4	569.1	569.4	567.1	562.5	555.6	546.6	536.1	524.9
-65°	455.3	456.2	458.1	458.9	458.1	456.2	455.3	452.9	448.8	444.0	437.8
-67.5°	375.3	375.0	375.9	376.1	375.9	375.0	375.3	374.4	372.2	368.4	362.7
-70°	305.2	304.5	301.9	297.8	301.9	304.5	305.2	305.5	305.9	305.1	301.2
-72.5°	226.3	215.9	205.5	194.0	205.5	215.9	226.3	236.4	246.3	253.2	251.0
-75°	163.9	146.8	141.1	135.7	141.1	146.8	163.9	180.4	196.2	208.3	206.8
-77.5°	120.2	104.0	99.2	94.7	99.2	104.0	120.2	135.8	150.6	162.6	162.0
-80°	81.9	70.1	67.8	65.6	67.8	70.1	81.9	93.4	104.4	114.1	115.3
-82.5°	51.4	42.7	41.4	40.1	41.4	42.7	51.4	59.8	67.8	74.9	74.3
-85°	23.8	19.9	19.5	19.1	19.5	19.9	23.8	27.5	31.1	34.3	33.6
-87.5°	4.0	3.6	3.1	2.7	3.1	3.6	4.0	4.5	4.9	5.3	5.5
-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: P627093 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	5.6	5.7	5.8	6.1	6.3	6.5	6.7	6.5	6.3	6.0	5.8
85°	32.7	31.8	30.8	30.8	30.6	30.3	29.6	26.6	23.6	20.9	18.5
82.5°	73.4	72.1	70.4	68.0	65.5	63.1	60.2	53.8	47.7	41.8	36.9
80°	116.0	116.0	114.9	110.4	105.7	100.7	94.8	84.7	74.9	65.8	59.3
77.5°	161.2	160.1	157.9	151.9	145.8	139.6	131.8	118.7	105.7	93.1	84.9
75°	205.0	202.7	198.7	191.3	183.3	174.7	165.4	154.1	141.1	126.4	115.6
72.5°	248.2	244.8	239.6	231.8	222.9	213.5	203.7	192.6	179.9	165.4	154.6
70°	296.5	291.0	284.0	275.1	265.9	256.0	245.9	234.5	221.2	206.8	195.4
67.5°	355.5	346.8	336.9	326.4	316.4	304.6	292.7	279.7	266.3	251.1	236.7
65°	428.9	417.3	404.2	392.8	379.2	363.1	345.1	329.4	313.9	296.8	277.9
62.5°	513.5	502.1	484.0	465.3	447.1	428.8	407.0	384.9	363.7	342.3	320.3
60°	599.9	579.5	559.8	538.4	515.3	490.5	466.5	441.4	415.1	389.3	363.0
57.5°	695.4	670.2	644.4	616.7	587.3	559.1	530.0	498.7	468.9	437.7	406.2
55°	804.9	774.5	741.5	705.4	668.1	634.5	598.8	563.0	526.8	487.6	452.7
52.5°	934.7	896.8	854.6	807.7	763.9	719.5	673.1	632.5	588.2	544.6	501.2
50°	1100.2	1046.5	988.3	929.2	874.9	816.3	761.8	708.4	654.8	604.3	553.8
47.5°	1298.4	1227.4	1147.8	1074.4	1002.5	929.8	862.7	792.1	730.6	667.0	610.9
45°	1539.4	1444.8	1342.5	1249.3	1148.2	1060.4	974.9	893.7	812.9	741.1	669.5
42.5°	1847.4	1709.6	1579.8	1456.1	1328.7	1213.3	1099.4	1003.1	908.4	819.5	738.7
40°	2243.6	2042.8	1876.1	1698.7	1544.4	1389.8	1253.7	1120.2	1012.6	907.3	808.7
37.5°	2711.4	2476.3	2238.3	1995.5	1794.6	1600.4	1425.2	1268.0	1121.6	1001.9	888.2
35°	3206.1	2940.5	2655.5	2371.0	2077.7	1842.5	1619.9	1426.2	1255.4	1100.9	969.9
32.5°	3699.6	3408.1	3094.2	2769.7	2440.3	2110.9	1843.7	1603.9	1390.2	1214.3	1059.2
30°	4193.0	3873.0	3529.2	3174.8	2813.4	2443.8	2079.1	1799.0	1548.0	1327.4	1149.1
27.5°	4687.9	4341.2	3964.9	3575.0	3185.4	2782.3	2378.3	2000.2	1707.1	1457.8	1247.7
25°	5183.4	4795.7	4391.7	3967.3	3542.5	3114.0	2667.6	2246.1	1885.5	1588.3	1338.6
22.5°	5680.3	5245.0	4794.7	4338.8	3882.0	3424.1	2956.9	2487.0	2054.6	1721.0	1445.0
20°	6171.4	5682.4	5189.5	4695.3	4202.9	3713.3	3224.8	2723.2	2253.3	1858.3	1544.3
17.5°	6644.4	6101.2	5566.0	5030.3	4503.6	3984.5	3465.0	2941.2	2430.7	1980.6	1632.0
15°	7094.9	6502.2	5920.9	5345.6	4777.3	4219.8	3677.8	3132.6	2592.1	2108.1	1728.1
12.5°	7519.9	6873.1	6239.9	5615.5	5011.6	4427.3	3863.8	3300.6	2744.1	2232.4	1813.8
10°	7882.9	7188.9	6507.5	5849.0	5214.5	4603.8	4017.3	3442.8	2874.4	2335.8	1883.9
7.5°	8178.1	7443.0	6724.4	6033.5	5373.6	4744.3	4135.8	3551.8	2977.6	2416.6	1938.0
5°	8393.8	7629.8	6885.1	6170.2	5483.7	4846.5	4219.4	3626.4	3052.3	2474.1	1975.8
2.5°	8527.6	7742.8	6980.6	6253.3	5547.9	4907.9	4267.9	3671.5	3095.0	2505.7	1999.6
0°	8552.3	7795.6	7010.7	6262.2	5584.7	4926.3	4280.7	3687.9	3106.0	2512.3	2007.0
-2.5°	8527.6	7742.8	6980.6	6253.3	5547.9	4907.9	4267.9	3671.5	3095.0	2505.7	1999.6
-5°	8393.8	7629.8	6885.1	6170.2	5483.7	4846.5	4219.4	3626.4	3052.3	2474.1	1975.8
-7.5°	8178.1	7443.0	6724.4	6033.5	5373.6	4744.3	4135.8	3551.8	2977.6	2416.6	1938.0
-10°	7882.9	7188.9	6507.5	5849.0	5214.5	4603.8	4017.3	3442.8	2874.4	2335.8	1883.9
-12.5°	7519.9	6873.1	6239.9	5615.5	5011.6	4427.3	3863.8	3300.6	2744.1	2232.4	1813.8
-15°	7094.9	6502.2	5920.9	5345.6	4777.3	4219.8	3677.8	3132.6	2592.1	2108.1	1728.1
-17.5°	6644.4	6101.2	5566.0	5030.3	4503.6	3984.5	3465.0	2941.2	2430.7	1980.6	1632.0
-20°	6171.4	5682.4	5189.5	4695.3	4202.9	3713.3	3224.8	2723.2	2253.3	1858.3	1544.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627093 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	5680.3	5245.0	4794.7	4338.8	3882.0	3424.1	2956.9	2487.0	2054.6	1721.0	1445.0
-25°	5183.4	4795.7	4391.7	3967.3	3542.5	3114.0	2667.6	2246.1	1885.5	1588.3	1338.6
-27.5°	4687.9	4341.2	3964.9	3575.0	3185.4	2782.3	2378.3	2000.2	1707.1	1457.8	1247.7
-30°	4193.0	3873.0	3529.2	3174.8	2813.4	2443.8	2079.1	1799.0	1548.0	1327.4	1149.1
-32.5°	3699.6	3408.1	3094.2	2769.7	2440.3	2110.9	1843.7	1603.9	1390.2	1214.3	1059.2
-35°	3206.1	2940.5	2655.5	2371.0	2077.7	1842.5	1619.9	1426.2	1255.4	1100.9	969.9
-37.5°	2711.4	2476.3	2238.3	1995.5	1794.6	1600.4	1425.2	1268.0	1121.6	1001.9	888.2
-40°	2243.6	2042.8	1876.1	1698.7	1544.4	1389.8	1253.7	1120.2	1012.6	907.3	808.7
-42.5°	1847.4	1709.6	1579.8	1456.1	1328.7	1213.3	1099.4	1003.1	908.4	819.5	738.7
-45°	1539.4	1444.8	1342.5	1249.3	1148.2	1060.4	974.9	893.7	812.9	741.1	669.5
-47.5°	1298.4	1227.4	1147.8	1074.4	1002.5	929.8	862.7	792.1	730.6	667.0	610.9
-50°	1100.2	1046.5	988.3	929.2	874.9	816.3	761.8	708.4	654.8	604.3	553.8
-52.5°	934.7	896.8	854.6	807.7	763.9	719.5	673.1	632.5	588.2	544.6	501.2
-55°	804.9	774.5	741.5	705.4	668.1	634.5	598.8	563.0	526.8	487.6	452.7
-57.5°	695.4	670.2	644.4	616.7	587.3	559.1	530.0	498.7	468.9	437.7	406.2
-60°	599.9	579.5	559.8	538.4	515.3	490.5	466.5	441.4	415.1	389.3	363.0
-62.5°	513.5	502.1	484.0	465.3	447.1	428.8	407.0	384.9	363.7	342.3	320.3
-65°	428.9	417.3	404.2	392.8	379.2	363.1	345.1	329.4	313.9	296.8	277.9
-67.5°	355.5	346.8	336.9	326.4	316.4	304.6	292.7	279.7	266.3	251.1	236.7
-70°	296.5	291.0	284.0	275.1	265.9	256.0	245.9	234.5	221.2	206.8	195.4
-72.5°	248.2	244.8	239.6	231.8	222.9	213.5	203.7	192.6	179.9	165.4	154.6
-75°	205.0	202.7	198.7	191.3	183.3	174.7	165.4	154.1	141.1	126.4	115.6
-77.5°	161.2	160.1	157.9	151.9	145.8	139.6	131.8	118.7	105.7	93.1	84.9
-80°	116.0	116.0	114.9	110.4	105.7	100.7	94.8	84.7	74.9	65.8	59.3
-82.5°	73.4	72.1	70.4	68.0	65.5	63.1	60.2	53.8	47.7	41.8	36.9
-85°	32.7	31.8	30.8	30.8	30.6	30.3	29.6	26.6	23.6	20.9	18.5
-87.5°	5.6	5.7	5.8	6.1	6.3	6.5	6.7	6.5	6.3	6.0	5.8
-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: P627093 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	6.5	7.0	7.5	7.9	8.1	8.2	8.2	8.1	7.8	7.3	6.8
85°	19.3	19.7	19.7	19.1	17.8	16.4	16.4	16.2	15.5	14.6	13.6
82.5°	38.4	39.6	40.2	40.0	37.5	34.9	32.1	29.1	26.0	22.4	20.3
80°	61.6	63.0	63.4	62.4	58.0	53.3	49.2	44.9	40.8	36.1	30.9
77.5°	86.7	87.7	88.0	86.4	80.8	74.7	68.2	61.4	55.6	49.8	43.3
75°	113.7	114.1	113.8	110.9	104.0	96.2	88.3	79.8	71.3	63.4	55.6
72.5°	148.7	144.0	140.4	135.7	128.1	119.3	109.3	98.0	87.2	77.1	67.7
70°	185.4	175.3	167.5	160.2	151.9	142.6	131.4	117.2	102.8	90.6	79.1
67.5°	223.6	211.1	198.5	185.4	175.1	164.6	153.3	136.3	119.0	103.8	90.3
65°	260.9	245.4	231.1	214.1	199.1	186.3	173.5	154.3	134.5	116.8	101.3
62.5°	298.5	277.7	259.8	241.3	223.2	207.4	193.0	171.0	149.4	129.3	111.6
60°	337.0	312.7	288.3	266.9	246.5	227.3	209.4	187.2	163.9	141.2	121.5
57.5°	376.9	347.8	319.9	293.3	269.5	247.4	225.2	202.2	177.8	153.2	130.3
55°	417.3	384.3	351.6	321.1	292.9	267.7	241.6	216.5	191.2	165.0	137.4
52.5°	460.6	421.9	385.0	349.4	317.1	287.5	259.1	230.5	203.9	176.4	145.1
50°	506.4	461.7	419.6	379.7	341.1	308.2	276.1	245.9	216.3	187.3	152.3
47.5°	554.6	504.0	456.0	410.4	368.5	328.2	294.0	260.9	228.4	198.1	158.9
45°	607.6	547.5	493.5	443.3	394.6	350.9	311.6	275.5	241.5	205.8	164.8
42.5°	660.9	594.4	532.3	475.2	423.2	373.8	328.5	290.6	254.1	212.9	170.6
40°	722.4	642.3	571.4	509.5	451.3	395.7	347.9	305.2	265.8	219.9	176.2
37.5°	782.3	693.9	614.0	542.2	479.0	420.5	366.7	319.1	275.1	227.6	181.3
35°	852.9	747.2	654.6	576.8	507.6	444.0	384.4	333.3	285.2	234.9	185.9
32.5°	921.5	801.4	700.3	612.2	534.6	466.3	403.1	347.7	295.6	241.9	189.8
30°	996.9	860.4	743.4	645.4	561.5	489.2	422.0	361.4	306.0	248.6	193.7
27.5°	1069.3	914.8	785.2	680.6	589.8	510.6	439.5	374.2	316.4	255.5	198.5
25°	1141.1	973.5	831.5	714.0	615.8	530.1	455.6	386.1	326.7	263.2	202.8
22.5°	1218.9	1030.4	873.1	744.1	639.4	548.0	470.9	399.2	336.1	270.5	206.6
20°	1290.5	1081.7	910.3	772.9	662.7	567.2	485.3	410.9	344.5	277.5	209.8
17.5°	1358.0	1133.9	951.8	804.1	684.8	584.1	497.9	421.2	352.0	283.9	212.4
15°	1428.9	1185.7	989.1	831.0	703.9	598.7	508.8	430.1	358.4	289.6	214.8
12.5°	1489.5	1229.5	1020.5	853.7	720.0	611.0	517.8	437.4	363.8	294.5	217.0
10°	1539.3	1265.1	1045.7	872.0	732.9	620.8	525.0	443.4	368.3	298.2	218.2
7.5°	1578.2	1292.3	1064.9	885.9	742.9	628.4	531.0	448.0	371.8	300.9	218.5
5°	1605.3	1311.3	1078.9	895.6	750.4	633.9	535.3	451.1	374.1	302.3	217.8
2.5°	1619.6	1322.0	1087.6	900.8	754.7	636.9	537.7	452.7	375.3	302.5	216.3
0°	1621.8	1324.0	1090.0	901.5	755.8	637.4	538.2	452.6	375.2	301.4	214.0
-2.5°	1619.6	1322.0	1087.6	900.8	754.7	636.9	537.7	452.7	375.3	302.5	216.3
-5°	1605.3	1311.3	1078.9	895.6	750.4	633.9	535.3	451.1	374.1	302.3	217.8
-7.5°	1578.2	1292.3	1064.9	885.9	742.9	628.4	531.0	448.0	371.8	300.9	218.5
-10°	1539.3	1265.1	1045.7	872.0	732.9	620.8	525.0	443.4	368.3	298.2	218.2
-12.5°	1489.5	1229.5	1020.5	853.7	720.0	611.0	517.8	437.4	363.8	294.5	217.0
-15°	1428.9	1185.7	989.1	831.0	703.9	598.7	508.8	430.1	358.4	289.6	214.8
-17.5°	1358.0	1133.9	951.8	804.1	684.8	584.1	497.9	421.2	352.0	283.9	212.4
-20°	1290.5	1081.7	910.3	772.9	662.7	567.2	485.3	410.9	344.5	277.5	209.8

Classified

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



REPORT NUMBER: P627093 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	1218.9	1030.4	873.1	744.1	639.4	548.0	470.9	399.2	336.1	270.5	206.6
-25°	1141.1	973.5	831.5	714.0	615.8	530.1	455.6	386.1	326.7	263.2	202.8
-27.5°	1069.3	914.8	785.2	680.6	589.8	510.6	439.5	374.2	316.4	255.5	198.5
-30°	996.9	860.4	743.4	645.4	561.5	489.2	422.0	361.4	306.0	248.6	193.7
-32.5°	921.5	801.4	700.3	612.2	534.6	466.3	403.1	347.7	295.6	241.9	189.8
-35°	852.9	747.2	654.6	576.8	507.6	444.0	384.4	333.3	285.2	234.9	185.9
-37.5°	782.3	693.9	614.0	542.2	479.0	420.5	366.7	319.1	275.1	227.6	181.3
-40°	722.4	642.3	571.4	509.5	451.3	395.7	347.9	305.2	265.8	219.9	176.2
-42.5°	660.9	594.4	532.3	475.2	423.2	373.8	328.5	290.6	254.1	212.9	170.6
-45°	607.6	547.5	493.5	443.3	394.6	350.9	311.6	275.5	241.5	205.8	164.8
-47.5°	554.6	504.0	456.0	410.4	368.5	328.2	294.0	260.9	228.4	198.1	158.9
-50°	506.4	461.7	419.6	379.7	341.1	308.2	276.1	245.9	216.3	187.3	152.3
-52.5°	460.6	421.9	385.0	349.4	317.1	287.5	259.1	230.5	203.9	176.4	145.1
-55°	417.3	384.3	351.6	321.1	292.9	267.7	241.6	216.5	191.2	165.0	137.4
-57.5°	376.9	347.8	319.9	293.3	269.5	247.4	225.2	202.2	177.8	153.2	130.3
-60°	337.0	312.7	288.3	266.9	246.5	227.3	209.4	187.2	163.9	141.2	121.5
-62.5°	298.5	277.7	259.8	241.3	223.2	207.4	193.0	171.0	149.4	129.3	111.6
-65°	260.9	245.4	231.1	214.1	199.1	186.3	173.5	154.3	134.5	116.8	101.3
-67.5°	223.6	211.1	198.5	185.4	175.1	164.6	153.3	136.3	119.0	103.8	90.3
-70°	185.4	175.3	167.5	160.2	151.9	142.6	131.4	117.2	102.8	90.6	79.1
-72.5°	148.7	144.0	140.4	135.7	128.1	119.3	109.3	98.0	87.2	77.1	67.7
-75°	113.7	114.1	113.8	110.9	104.0	96.2	88.3	79.8	71.3	63.4	55.6
-77.5°	86.7	87.7	88.0	86.4	80.8	74.7	68.2	61.4	55.6	49.8	43.3
-80°	61.6	63.0	63.4	62.4	58.0	53.3	49.2	44.9	40.8	36.1	30.9
-82.5°	38.4	39.6	40.2	40.0	37.5	34.9	32.1	29.1	26.0	22.4	20.3
-85°	19.3	19.7	19.7	19.1	17.8	16.4	16.4	16.2	15.5	14.6	13.6
-87.5°	6.5	7.0	7.5	7.9	8.1	8.2	8.2	8.1	7.8	7.3	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

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Scaled Data Report



REPORT NUMBER: P627093 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	6.1	4.8	3.6	2.5	1.5	0.7	0.0
85°	12.2	9.5	7.1	4.9	3.0	1.3	0.0
82.5°	18.3	14.3	10.6	7.4	4.5	2.0	0.0
80°	24.8	18.9	14.1	9.8	6.0	2.6	0.0
77.5°	35.4	24.6	17.5	12.2	7.4	3.2	0.0
75°	45.8	32.2	21.2	14.5	8.9	3.9	0.0
72.5°	55.7	39.5	26.3	16.8	10.3	4.5	0.0
70°	65.2	46.6	31.2	19.2	11.6	5.1	0.0
67.5°	73.4	53.3	35.9	22.2	13.0	5.7	0.0
65°	81.2	59.5	40.3	25.0	14.2	6.2	0.0
62.5°	88.6	65.1	44.5	27.7	15.5	6.8	0.0
60°	95.5	70.4	48.4	30.3	16.7	7.3	0.0
57.5°	101.7	75.4	52.0	32.7	18.1	7.9	0.0
55°	107.5	79.9	55.4	34.8	19.5	8.4	0.0
52.5°	112.8	84.1	58.5	36.9	20.8	8.8	0.0
50°	117.6	87.9	61.4	38.7	22.1	9.3	0.0
47.5°	122.0	91.4	63.9	40.3	23.3	9.7	0.0
45°	127.0	94.4	66.1	42.0	24.5	10.1	0.0
42.5°	131.5	97.1	68.1	43.4	25.6	10.5	0.0
40°	135.4	99.3	69.8	45.0	26.6	10.9	0.0
37.5°	138.7	101.2	71.3	46.6	27.6	11.2	0.0
35°	141.5	103.2	72.6	48.1	28.5	11.5	0.0
32.5°	144.0	105.2	73.5	49.5	29.3	11.8	0.0
30°	146.9	106.7	74.2	50.7	30.0	12.0	0.0
27.5°	149.2	107.8	75.8	51.8	30.7	12.2	0.0
25°	151.0	108.5	77.3	52.7	31.2	12.4	0.0
22.5°	152.3	109.3	78.7	53.6	31.8	12.5	0.0
20°	153.0	111.3	79.8	54.2	32.2	12.7	0.0
17.5°	154.8	112.9	80.8	54.7	32.5	12.8	0.0
15°	156.8	114.2	81.6	55.1	32.8	12.8	0.0
12.5°	158.3	115.1	82.2	55.4	33.0	12.9	0.0
10°	159.2	115.7	82.5	55.5	33.1	12.9	0.0
7.5°	159.6	116.0	82.7	55.5	33.2	12.9	0.0
5°	159.4	115.9	82.7	55.3	33.1	12.9	0.0
2.5°	158.7	115.4	82.5	55.0	33.0	12.8	0.0
0°	157.5	114.7	82.0	54.6	32.8	12.7	0.0
-2.5°	158.7	115.4	82.5	55.0	33.0	12.8	0.0
-5°	159.4	115.9	82.7	55.3	33.1	12.9	0.0
-7.5°	159.6	116.0	82.7	55.5	33.2	12.9	0.0
-10°	159.2	115.7	82.5	55.5	33.1	12.9	0.0
-12.5°	158.3	115.1	82.2	55.4	33.0	12.9	0.0
-15°	156.8	114.2	81.6	55.1	32.8	12.8	0.0
-17.5°	154.8	112.9	80.8	54.7	32.5	12.8	0.0
-20°	153.0	111.3	79.8	54.2	32.2	12.7	0.0

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CATALOG NUMBER: GFLD-SA3B-730-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	152.3	109.3	78.7	53.6	31.8	12.5	0.0
-25°	151.0	108.5	77.3	52.7	31.2	12.4	0.0
-27.5°	149.2	107.8	75.8	51.8	30.7	12.2	0.0
-30°	146.9	106.7	74.2	50.7	30.0	12.0	0.0
-32.5°	144.0	105.2	73.5	49.5	29.3	11.8	0.0
-35°	141.5	103.2	72.6	48.1	28.5	11.5	0.0
-37.5°	138.7	101.2	71.3	46.6	27.6	11.2	0.0
-40°	135.4	99.3	69.8	45.0	26.6	10.9	0.0
-42.5°	131.5	97.1	68.1	43.4	25.6	10.5	0.0
-45°	127.0	94.4	66.1	42.0	24.5	10.1	0.0
-47.5°	122.0	91.4	63.9	40.3	23.3	9.7	0.0
-50°	117.6	87.9	61.4	38.7	22.1	9.3	0.0
-52.5°	112.8	84.1	58.5	36.9	20.8	8.8	0.0
-55°	107.5	79.9	55.4	34.8	19.5	8.4	0.0
-57.5°	101.7	75.4	52.0	32.7	18.1	7.9	0.0
-60°	95.5	70.4	48.4	30.3	16.7	7.3	0.0
-62.5°	88.6	65.1	44.5	27.7	15.5	6.8	0.0
-65°	81.2	59.5	40.3	25.0	14.2	6.2	0.0
-67.5°	73.4	53.3	35.9	22.2	13.0	5.7	0.0
-70°	65.2	46.6	31.2	19.2	11.6	5.1	0.0
-72.5°	55.7	39.5	26.3	16.8	10.3	4.5	0.0
-75°	45.8	32.2	21.2	14.5	8.9	3.9	0.0
-77.5°	35.4	24.6	17.5	12.2	7.4	3.2	0.0
-80°	24.8	18.9	14.1	9.8	6.0	2.6	0.0
-82.5°	18.3	14.3	10.6	7.4	4.5	2.0	0.0
-85°	12.2	9.5	7.1	4.9	3.0	1.3	0.0
-87.5°	6.1	4.8	3.6	2.5	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)