

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: P627269 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-730-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627269 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3E-730-U-NR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N68  
Light Source: (48) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

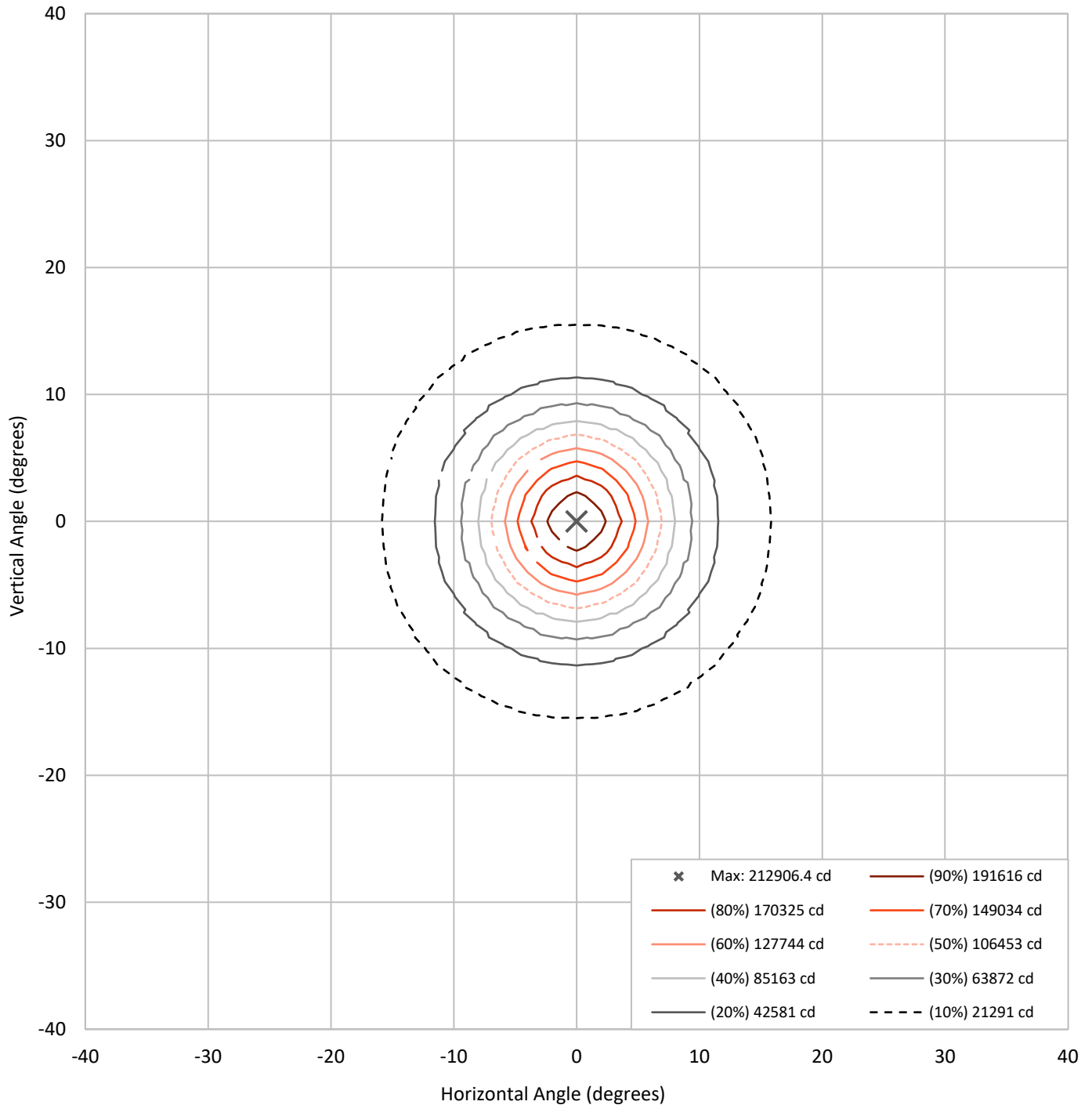
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	22607.5 lumens	Max Intensity:	212906.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	6684 lumens	Field Lumens:	15041.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	185.2		
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





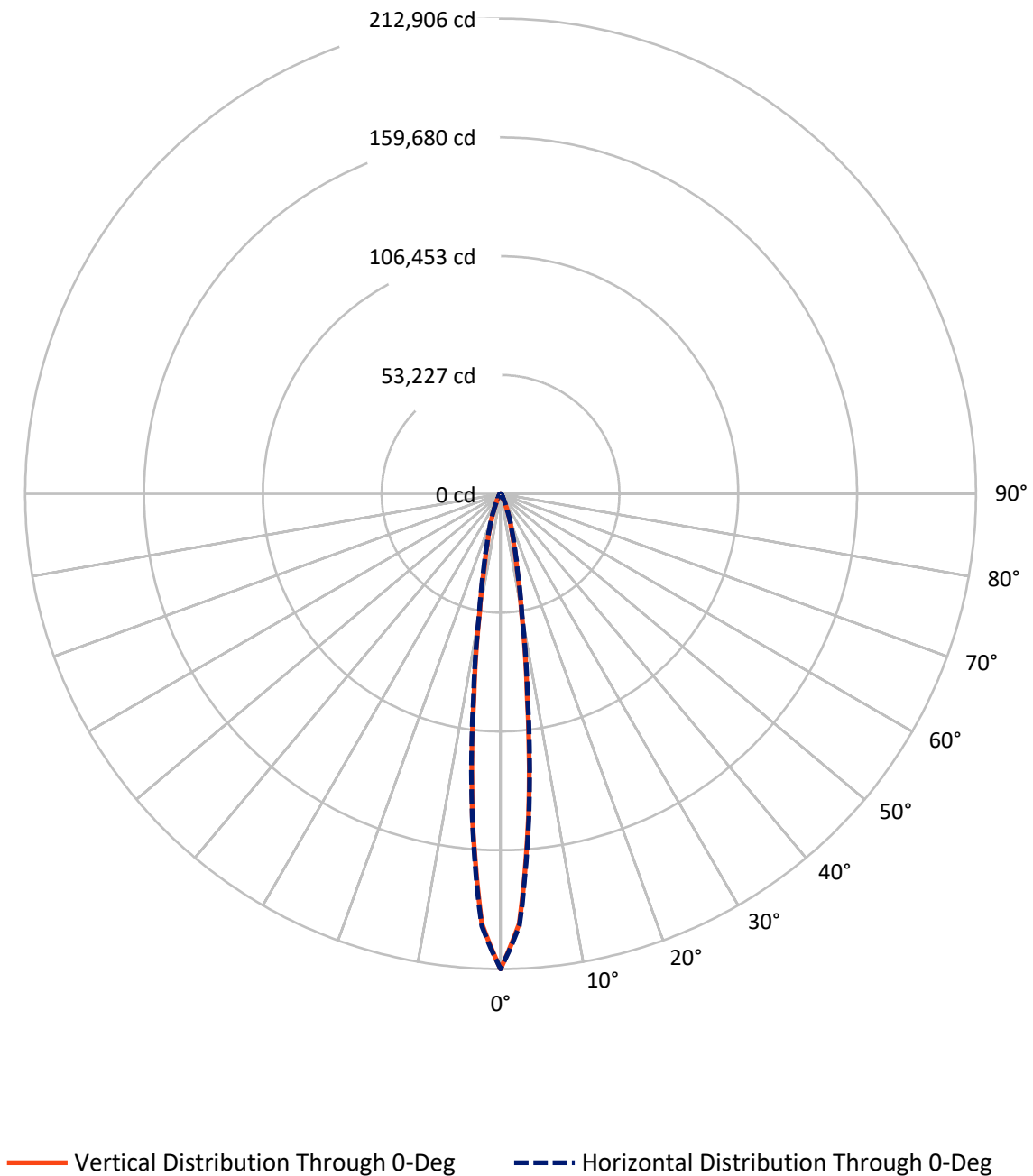
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### Lumen Table

90	0.4	3.1		8.1		13.2		14.4		13.2		8.1		3.1		0.4			
80	0.4	3.1		8.1		13.2		14.4		13.2		8.1		3.1		0.4			
70	1.4	1.6	3.3	5.4	7.6	9.3	10.4	10.9	10.9	10.4	9.3	7.6	5.4	3.3	1.6	1.4			
60		2.4	4.9	8.0	10.7	13.0	14.6	15.2	15.2	14.6	13.0	10.7	8.0	4.9	2.4				
50	2.5	3.1	6.3	9.8	13.1	16.4	19.4	20.9	20.9	19.4	16.4	13.1	9.8	6.3	3.1	2.5			
40		3.8	7.5	11.3	16.1	23.1	32.6	40.3	40.3	32.6	23.1	16.1	11.3	7.5	3.8				
30	3.2	4.3	8.2	12.8	20.8	41.3	94.1	155.7	155.7	94.1	41.3	20.8	12.8	8.2	4.3	3.2			
20		4.6	8.6	14.1	27.6	87.7	311.5	670.8	670.8	311.5	87.7	27.6	14.1	8.6	4.6				
10	3.4	4.7	8.8	15.0	33.4	144.6	677.1	2924.8	2924.8	677.1	144.6	33.4	15.0	8.8	4.7	3.4			
0		4.7	8.8	15.0	33.4	144.6	677.1	2924.8	2924.8	677.1	144.6	33.4	15.0	8.8	4.7				
-10	3.2	4.6	8.6	14.1	27.6	87.7	311.5	670.8	670.8	311.5	87.7	27.6	14.1	8.6	4.6	3.2			
-20		4.3	8.2	12.8	20.8	41.3	94.1	155.7	155.7	94.1	41.3	20.8	12.8	8.2	4.3				
-30	2.5	3.8	7.5	11.3	16.1	23.1	32.6	40.3	40.3	32.6	23.1	16.1	11.3	7.5	3.8	2.5			
-40		3.1	6.3	9.8	13.1	16.4	19.4	20.9	20.9	19.4	16.4	13.1	9.8	6.3	3.1				
-50	1.4	2.4	4.9	8.0	10.7	13.0	14.6	15.2	15.2	14.6	13.0	10.7	8.0	4.9	2.4	1.4			
-60		1.6	3.3	5.4	7.6	9.3	10.4	10.9	10.9	10.4	9.3	7.6	5.4	3.3	1.6				
-70	0.4	3.1		8.1		13.2		14.4		13.2		8.1		3.1		0.4			
-80		3.1		8.1		13.2		14.4		13.2		8.1		3.1					
-90	0.4	3.1		8.1		13.2		14.4		13.2		8.1		3.1		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

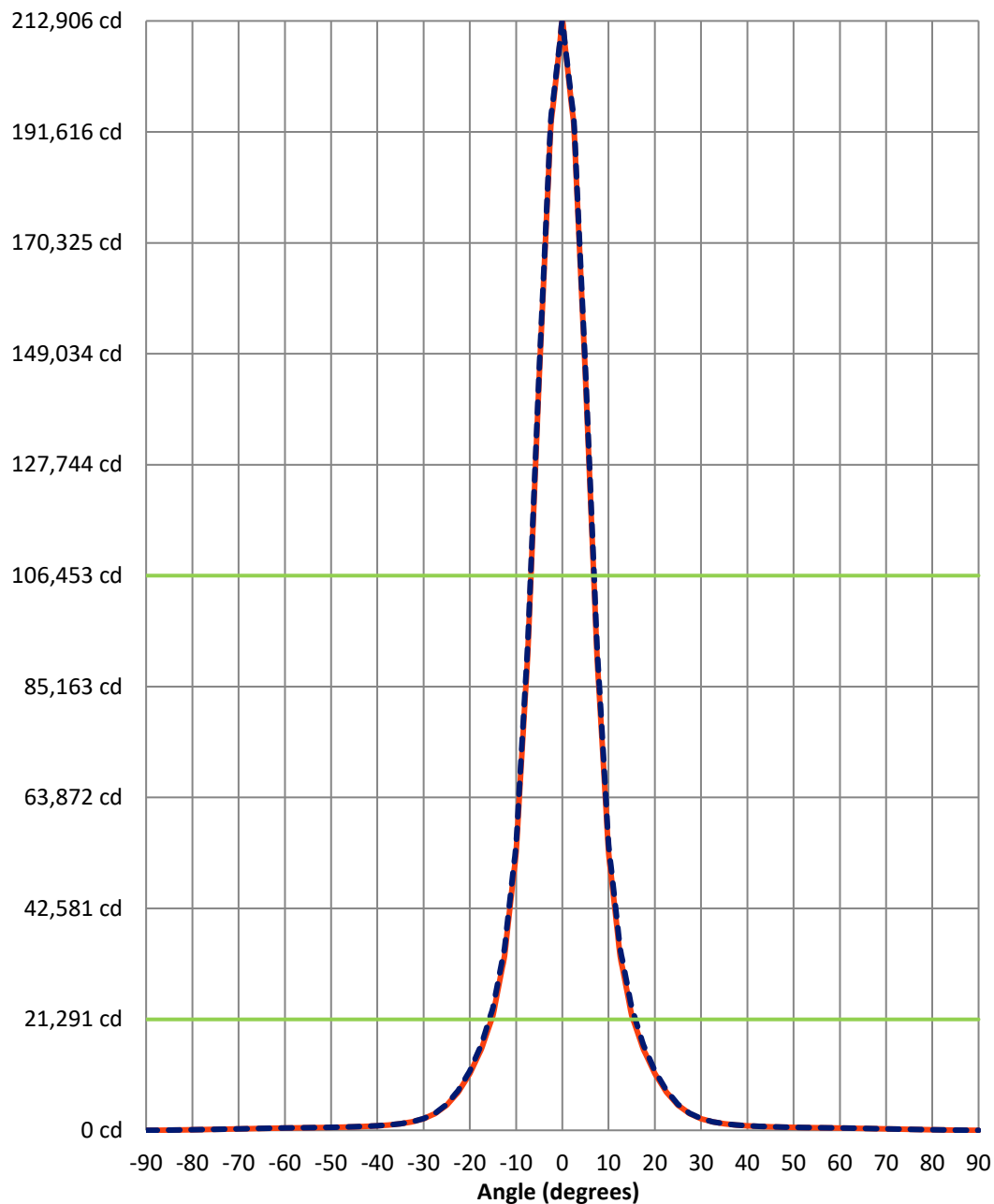
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 6684  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 15041.8  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 7565.7  
 Efficiency: 33.5%

— 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	0.7	1.6	2.4	3.2	3.9	4.7	5.5	6.2	7.0	7.7
85°	0.0	1.4	3.2	4.7	6.3	7.9	9.4	10.9	12.4	13.9	15.4
82.5°	0.0	2.1	4.7	7.1	9.5	11.8	14.1	16.4	18.8	22.2	25.5
80°	0.0	2.8	6.3	9.5	12.6	15.7	19.0	23.6	28.1	32.6	36.9
77.5°	0.0	3.4	7.8	11.8	15.7	20.1	26.0	31.7	37.3	42.9	48.8
75°	0.0	4.1	9.3	14.1	19.0	25.6	32.8	39.7	46.6	54.3	61.9
72.5°	0.0	4.8	10.8	16.4	23.1	31.0	39.5	48.0	57.1	66.1	75.0
70°	0.0	5.4	12.3	18.8	27.2	36.3	46.2	57.1	67.5	77.8	89.3
67.5°	0.0	6.0	13.7	21.7	31.2	41.5	53.8	66.1	77.8	90.9	103.9
65°	0.0	6.7	15.0	24.5	35.1	47.1	61.3	75.0	89.3	103.9	119.2
62.5°	0.0	7.2	16.3	27.2	38.9	53.2	68.6	84.5	100.7	117.1	136.3
60°	0.0	7.8	17.6	29.9	42.6	59.2	75.8	94.3	111.8	131.8	153.0
57.5°	0.0	8.4	19.2	32.5	47.2	65.0	83.7	103.7	123.9	146.1	169.1
55°	0.0	8.9	20.9	35.0	51.7	70.7	91.5	112.8	136.0	159.9	184.5
52.5°	0.0	9.4	22.4	37.4	56.1	76.3	99.0	122.6	147.6	173.1	199.4
50°	0.0	9.9	24.0	39.7	60.3	82.3	106.3	132.2	158.7	185.7	213.7
47.5°	0.0	10.4	25.5	42.1	64.3	88.2	113.4	141.4	169.2	197.6	227.6
45°	0.0	10.8	26.9	45.0	68.2	93.8	121.0	150.3	179.4	209.9	241.3
42.5°	0.0	11.2	28.3	47.8	72.0	99.1	128.3	158.8	189.1	221.9	254.6
40°	0.0	11.6	29.6	50.5	75.8	104.2	135.2	166.9	198.7	233.4	267.5
37.5°	0.0	12.0	30.9	53.1	79.6	109.1	141.8	174.6	208.2	244.2	280.0
35°	0.0	12.3	32.1	55.6	83.2	114.0	148.0	181.8	217.1	254.3	292.0
32.5°	0.0	12.6	33.3	57.9	86.6	118.8	153.7	188.6	225.3	263.8	302.5
30°	0.0	12.8	34.3	60.1	89.8	123.3	159.1	195.0	232.8	272.6	312.0
27.5°	0.0	13.1	35.4	62.1	92.9	127.4	164.1	201.1	239.7	280.7	320.5
25°	0.0	13.3	36.3	64.0	95.7	131.2	168.7	206.5	246.2	287.9	328.1
22.5°	0.0	13.5	37.2	65.7	98.3	134.6	172.8	211.4	252.1	294.0	334.7
20°	0.0	13.6	38.0	67.2	100.6	137.5	176.5	215.6	257.3	299.3	340.6
17.5°	0.0	13.7	38.7	68.5	102.7	140.1	179.6	219.2	261.8	303.8	345.8
15°	0.0	13.8	39.3	69.7	104.5	142.1	182.1	222.4	265.7	307.4	350.4
12.5°	0.0	13.9	39.8	70.7	106.0	143.8	184.1	225.4	268.9	310.2	354.2
10°	0.0	13.9	40.3	71.5	107.3	145.0	185.6	227.9	271.4	313.3	357.8
7.5°	0.0	13.9	40.6	72.2	108.2	145.8	186.7	229.9	273.1	315.8	362.0
5°	0.0	13.8	40.9	72.6	108.9	146.3	187.3	231.4	274.0	317.7	365.4
2.5°	0.0	13.8	41.0	72.9	109.4	146.3	187.4	232.3	274.2	318.9	367.9
0°	0.0	13.7	41.1	73.0	109.5	146.0	187.0	232.6	273.7	319.3	369.5
-2.5°	0.0	13.8	41.0	72.9	109.4	146.3	187.4	232.3	274.2	318.9	367.9
-5°	0.0	13.8	40.9	72.6	108.9	146.3	187.3	231.4	274.0	317.7	365.4
-7.5°	0.0	13.9	40.6	72.2	108.2	145.8	186.7	229.9	273.1	315.8	362.0
-10°	0.0	13.9	40.3	71.5	107.3	145.0	185.6	227.9	271.4	313.3	357.8
-12.5°	0.0	13.9	39.8	70.7	106.0	143.8	184.1	225.4	268.9	310.2	354.2
-15°	0.0	13.8	39.3	69.7	104.5	142.1	182.1	222.4	265.7	307.4	350.4
-17.5°	0.0	13.7	38.7	68.5	102.7	140.1	179.6	219.2	261.8	303.8	345.8
-20°	0.0	13.6	38.0	67.2	100.6	137.5	176.5	215.6	257.3	299.3	340.6

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REPORT NUMBER: P627269 (CONVERTED FROM TYPE C PHOTOMETRY)

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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	13.5	37.2	65.7	98.3	134.6	172.8	211.4	252.1	294.0	334.7
-25°	0.0	13.3	36.3	64.0	95.7	131.2	168.7	206.5	246.2	287.9	328.1
-27.5°	0.0	13.1	35.4	62.1	92.9	127.4	164.1	201.1	239.7	280.7	320.5
-30°	0.0	12.8	34.3	60.1	89.8	123.3	159.1	195.0	232.8	272.6	312.0
-32.5°	0.0	12.6	33.3	57.9	86.6	118.8	153.7	188.6	225.3	263.8	302.5
-35°	0.0	12.3	32.1	55.6	83.2	114.0	148.0	181.8	217.1	254.3	292.0
-37.5°	0.0	12.0	30.9	53.1	79.6	109.1	141.8	174.6	208.2	244.2	280.0
-40°	0.0	11.6	29.6	50.5	75.8	104.2	135.2	166.9	198.7	233.4	267.5
-42.5°	0.0	11.2	28.3	47.8	72.0	99.1	128.3	158.8	189.1	221.9	254.6
-45°	0.0	10.8	26.9	45.0	68.2	93.8	121.0	150.3	179.4	209.9	241.3
-47.5°	0.0	10.4	25.5	42.1	64.3	88.2	113.4	141.4	169.2	197.6	227.6
-50°	0.0	9.9	24.0	39.7	60.3	82.3	106.3	132.2	158.7	185.7	213.7
-52.5°	0.0	9.4	22.4	37.4	56.1	76.3	99.0	122.6	147.6	173.1	199.4
-55°	0.0	8.9	20.9	35.0	51.7	70.7	91.5	112.8	136.0	159.9	184.5
-57.5°	0.0	8.4	19.2	32.5	47.2	65.0	83.7	103.7	123.9	146.1	169.1
-60°	0.0	7.8	17.6	29.9	42.6	59.2	75.8	94.3	111.8	131.8	153.0
-62.5°	0.0	7.2	16.3	27.2	38.9	53.2	68.6	84.5	100.7	117.1	136.3
-65°	0.0	6.7	15.0	24.5	35.1	47.1	61.3	75.0	89.3	103.9	119.2
-67.5°	0.0	6.0	13.7	21.7	31.2	41.5	53.8	66.1	77.8	90.9	103.9
-70°	0.0	5.4	12.3	18.8	27.2	36.3	46.2	57.1	67.5	77.8	89.3
-72.5°	0.0	4.8	10.8	16.4	23.1	31.0	39.5	48.0	57.1	66.1	75.0
-75°	0.0	4.1	9.3	14.1	19.0	25.6	32.8	39.7	46.6	54.3	61.9
-77.5°	0.0	3.4	7.8	11.8	15.7	20.1	26.0	31.7	37.3	42.9	48.8
-80°	0.0	2.8	6.3	9.5	12.6	15.7	19.0	23.6	28.1	32.6	36.9
-82.5°	0.0	2.1	4.7	7.1	9.5	11.8	14.1	16.4	18.8	22.2	25.5
-85°	0.0	1.4	3.2	4.7	6.3	7.9	9.4	10.9	12.4	13.9	15.4
-87.5°	0.0	0.7	1.6	2.4	3.2	3.9	4.7	5.5	6.2	7.0	7.7
-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°	8.4	9.1	9.8	10.4	11.1	11.7	12.3	12.9	13.4	13.9	14.4
85°	16.8	18.2	20.2	22.2	23.9	25.4	26.6	27.7	29.6	31.5	33.6
82.5°	28.7	31.8	34.9	37.9	39.9	41.6	43.2	45.5	49.5	53.4	56.9
80°	41.2	45.4	50.1	54.7	58.7	62.7	66.8	71.0	75.5	79.6	83.6
77.5°	55.0	61.1	67.0	72.8	78.5	84.8	90.8	96.5	102.1	107.3	112.4
75°	69.4	76.7	84.7	92.6	100.4	107.8	115.2	123.0	130.5	137.6	144.4
72.5°	84.5	94.3	103.8	113.0	123.0	132.8	142.3	151.4	160.3	169.6	179.4
70°	100.7	111.8	124.1	136.0	147.2	158.9	170.6	180.6	190.2	203.0	216.1
67.5°	117.2	132.3	146.2	159.6	174.5	188.3	200.2	212.9	226.6	241.4	254.4
65°	136.8	153.1	169.4	186.3	203.5	217.8	232.7	248.6	264.1	278.8	292.9
62.5°	156.1	174.5	193.2	211.6	229.3	246.5	264.5	282.2	299.2	316.3	331.4
60°	174.7	195.6	215.3	234.5	254.6	275.9	295.9	315.5	335.8	355.3	365.4
57.5°	192.7	215.0	235.5	257.2	280.7	304.8	325.8	347.9	365.4	378.8	392.0
55°	209.5	232.7	255.3	279.6	305.2	330.2	353.6	373.3	389.4	401.8	415.7
52.5°	225.3	249.8	274.4	300.9	328.0	354.8	379.2	397.7	412.2	424.9	437.9
50°	240.9	266.5	292.5	321.6	350.7	379.1	403.0	420.0	433.7	446.6	460.1
47.5°	256.1	283.1	311.0	342.0	373.5	401.0	423.7	439.1	453.0	468.2	482.9
45°	271.1	300.3	329.9	363.1	394.8	421.3	440.5	456.1	473.1	489.5	505.3
42.5°	285.7	317.2	349.3	383.8	414.4	438.2	456.2	474.5	492.9	510.4	528.2
40°	300.4	333.4	367.4	401.8	432.5	453.1	472.2	491.9	512.2	531.2	550.9
37.5°	314.6	348.7	383.8	418.4	446.4	467.3	487.1	508.8	530.2	551.0	576.7
35°	328.0	362.6	398.0	431.5	458.4	480.0	502.2	525.1	547.5	574.4	603.7
32.5°	340.0	375.1	410.9	442.2	468.5	491.9	516.6	540.5	567.5	597.9	633.1
30°	350.1	386.0	422.0	452.5	478.3	502.9	529.8	556.2	587.7	624.3	666.1
27.5°	358.9	395.8	430.8	461.4	487.5	512.1	540.4	573.7	609.9	651.0	700.0
25°	367.2	405.7	439.1	469.5	494.9	520.6	550.9	587.8	631.3	680.7	740.8
22.5°	375.1	415.3	447.6	477.1	500.7	528.4	562.6	602.7	650.0	707.9	781.1
20°	382.6	422.4	454.3	483.2	505.1	535.3	572.9	615.7	669.5	738.5	823.1
17.5°	389.5	428.5	459.6	486.7	510.8	542.6	582.0	626.3	686.4	766.4	861.8
15°	395.8	433.6	463.9	489.6	515.9	550.2	591.4	639.5	705.1	792.9	896.1
12.5°	401.3	437.7	467.1	491.9	520.0	556.5	599.9	653.2	725.2	818.9	939.5
10°	406.0	440.9	469.4	493.4	523.0	561.3	606.9	664.4	741.3	839.1	973.0
7.5°	410.1	443.4	471.0	494.3	525.0	564.6	612.4	672.9	752.5	853.5	997.1
5°	412.9	445.4	472.9	497.1	528.0	567.3	616.4	678.7	759.1	862.1	1012.1
2.5°	414.6	446.6	474.0	499.8	531.4	569.5	619.4	685.1	764.4	870.3	1023.6
0°	415.1	447.0	474.4	501.8	533.7	570.2	620.4	688.8	766.3	875.8	1030.9
-2.5°	414.6	446.6	474.0	499.8	531.4	569.5	619.4	685.1	764.4	870.3	1023.6
-5°	412.9	445.4	472.9	497.1	528.0	567.3	616.4	678.7	759.1	862.1	1012.1
-7.5°	410.1	443.4	471.0	494.3	525.0	564.6	612.4	672.9	752.5	853.5	997.1
-10°	406.0	440.9	469.4	493.4	523.0	561.3	606.9	664.4	741.3	839.1	973.0
-12.5°	401.3	437.7	467.1	491.9	520.0	556.5	599.9	653.2	725.2	818.9	939.5
-15°	395.8	433.6	463.9	489.6	515.9	550.2	591.4	639.5	705.1	792.9	896.1
-17.5°	389.5	428.5	459.6	486.7	510.8	542.6	582.0	626.3	686.4	766.4	861.8
-20°	382.6	422.4	454.3	483.2	505.1	535.3	572.9	615.7	669.5	738.5	823.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627269 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	375.1	415.3	447.6	477.1	500.7	528.4	562.6	602.7	650.0	707.9	781.1
-25°	367.2	405.7	439.1	469.5	494.9	520.6	550.9	587.8	631.3	680.7	740.8
-27.5°	358.9	395.8	430.8	461.4	487.5	512.1	540.4	573.7	609.9	651.0	700.0
-30°	350.1	386.0	422.0	452.5	478.3	502.9	529.8	556.2	587.7	624.3	666.1
-32.5°	340.0	375.1	410.9	442.2	468.5	491.9	516.6	540.5	567.5	597.9	633.1
-35°	328.0	362.6	398.0	431.5	458.4	480.0	502.2	525.1	547.5	574.4	603.7
-37.5°	314.6	348.7	383.8	418.4	446.4	467.3	487.1	508.8	530.2	551.0	576.7
-40°	300.4	333.4	367.4	401.8	432.5	453.1	472.2	491.9	512.2	531.2	550.9
-42.5°	285.7	317.2	349.3	383.8	414.4	438.2	456.2	474.5	492.9	510.4	528.2
-45°	271.1	300.3	329.9	363.1	394.8	421.3	440.5	456.1	473.1	489.5	505.3
-47.5°	256.1	283.1	311.0	342.0	373.5	401.0	423.7	439.1	453.0	468.2	482.9
-50°	240.9	266.5	292.5	321.6	350.7	379.1	403.0	420.0	433.7	446.6	460.1
-52.5°	225.3	249.8	274.4	300.9	328.0	354.8	379.2	397.7	412.2	424.9	437.9
-55°	209.5	232.7	255.3	279.6	305.2	330.2	353.6	373.3	389.4	401.8	415.7
-57.5°	192.7	215.0	235.5	257.2	280.7	304.8	325.8	347.9	365.4	378.8	392.0
-60°	174.7	195.6	215.3	234.5	254.6	275.9	295.9	315.5	335.8	355.3	365.4
-62.5°	156.1	174.5	193.2	211.6	229.3	246.5	264.5	282.2	299.2	316.3	331.4
-65°	136.8	153.1	169.4	186.3	203.5	217.8	232.7	248.6	264.1	278.8	292.9
-67.5°	117.2	132.3	146.2	159.6	174.5	188.3	200.2	212.9	226.6	241.4	254.4
-70°	100.7	111.8	124.1	136.0	147.2	158.9	170.6	180.6	190.2	203.0	216.1
-72.5°	84.5	94.3	103.8	113.0	123.0	132.8	142.3	151.4	160.3	169.6	179.4
-75°	69.4	76.7	84.7	92.6	100.4	107.8	115.2	123.0	130.5	137.6	144.4
-77.5°	55.0	61.1	67.0	72.8	78.5	84.8	90.8	96.5	102.1	107.3	112.4
-80°	41.2	45.4	50.1	54.7	58.7	62.7	66.8	71.0	75.5	79.6	83.6
-82.5°	28.7	31.8	34.9	37.9	39.9	41.6	43.2	45.5	49.5	53.4	56.9
-85°	16.8	18.2	20.2	22.2	23.9	25.4	26.6	27.7	29.6	31.5	33.6
-87.5°	8.4	9.1	9.8	10.4	11.1	11.7	12.3	12.9	13.4	13.9	14.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627269 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-NR-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°	14.9	15.3	15.8	16.1	16.5	16.8	17.1	17.4	17.6	16.7	15.7
85°	35.6	37.0	38.2	39.4	40.5	41.4	42.3	43.1	43.7	43.2	42.5
82.5°	60.1	62.4	64.6	66.6	68.5	70.2	71.7	73.0	74.2	74.1	73.8
80°	87.4	91.3	95.3	99.1	103.0	105.3	107.0	108.2	109.1	109.5	109.6
77.5°	117.5	123.6	129.9	136.1	142.2	145.7	148.2	150.3	152.0	152.3	152.0
75°	150.8	158.7	167.3	174.8	181.3	185.3	188.1	190.5	192.4	192.8	192.6
72.5°	189.6	199.2	207.0	213.3	218.8	223.1	226.6	229.6	232.0	233.0	233.1
70°	227.7	237.2	244.6	251.0	256.4	260.9	265.1	268.6	271.6	273.8	275.4
67.5°	266.3	277.2	284.7	290.6	295.2	299.9	305.4	310.2	314.2	316.9	318.3
65°	306.0	317.2	324.5	330.8	336.5	342.4	348.6	353.1	356.1	358.0	359.2
62.5°	344.3	354.8	364.0	372.4	380.6	387.4	391.6	395.4	398.6	401.4	403.4
60°	377.3	390.7	400.9	409.0	417.0	424.6	429.8	434.0	437.2	439.6	441.1
57.5°	405.4	419.0	431.1	439.0	447.6	456.8	462.8	466.3	469.5	472.3	473.5
55°	430.0	442.6	453.7	464.5	474.2	482.5	488.9	493.6	497.5	500.6	501.6
52.5°	452.2	465.9	478.9	490.4	499.9	507.8	514.2	520.0	524.4	527.4	528.7
50°	475.4	490.1	504.1	516.6	526.4	535.3	543.2	550.1	556.6	561.8	565.5
47.5°	498.3	514.0	529.4	543.2	554.9	567.7	579.3	589.0	598.6	606.3	611.7
45°	521.4	539.4	556.2	574.0	589.9	606.7	622.4	635.8	649.7	660.2	667.2
42.5°	546.9	567.5	587.7	609.9	631.5	653.5	677.1	698.3	714.6	730.0	742.4
40°	574.4	597.9	624.3	651.5	683.4	712.3	744.2	771.6	796.3	822.4	843.2
37.5°	603.7	633.1	667.8	704.1	745.4	785.0	826.6	867.4	903.1	945.2	977.3
35°	636.1	675.3	718.0	767.2	818.5	875.3	932.2	997.9	1054.4	1116.6	1170.9
32.5°	674.3	721.2	777.2	842.1	908.1	994.2	1074.7	1179.3	1269.7	1368.5	1467.9
30°	713.7	775.0	847.3	929.0	1033.9	1152.3	1284.3	1439.9	1600.4	1755.7	1942.9
27.5°	762.6	836.5	924.1	1043.4	1197.8	1357.8	1584.8	1818.5	2113.4	2357.3	2701.2
25°	813.3	900.4	1024.7	1187.0	1388.6	1666.3	2010.8	2384.2	2903.0	3358.9	3893.5
22.5°	868.5	986.1	1140.7	1341.1	1646.7	2073.1	2594.7	3297.5	4062.8	4875.4	5683.6
20°	926.1	1068.2	1271.0	1561.3	1980.8	2558.3	3453.6	4538.6	5631.9	6972.6	8159.8
17.5°	992.7	1173.6	1423.5	1786.6	2346.3	3230.9	4473.0	5987.7	7684.0	9611.6	11323.1
15°	1048.2	1263.9	1579.3	2087.3	2857.2	3993.2	5559.6	7643.3	10192.2	12781.2	15407.8
12.5°	1112.6	1362.1	1732.6	2338.3	3305.2	4815.0	6947.0	9584.5	12767.8	16358.8	20592.1
10°	1169.8	1458.6	1919.1	2668.9	3850.5	5672.0	8259.6	11432.5	15540.7	20707.3	27262.9
7.5°	1212.2	1535.4	2063.2	2920.5	4322.0	6496.1	9499.7	13456.4	18676.5	25498.9	34495.9
5°	1239.8	1591.0	2165.0	3114.6	4691.0	7109.3	10408.6	14891.8	21189.5	30838.7	46073.9
2.5°	1256.3	1623.8	2223.2	3228.4	4915.4	7515.7	11100.0	15977.2	22818.1	34138.6	53520.6
0°	1263.6	1633.0	2258.0	3288.9	4990.3	7672.5	11417.6	16471.8	23546.8	34909.6	54830.0
-2.5°	1256.3	1623.8	2223.2	3228.4	4915.4	7515.7	11100.0	15977.2	22818.1	34138.6	53520.6
-5°	1239.8	1591.0	2165.0	3114.6	4691.0	7109.3	10408.6	14891.8	21189.5	30838.7	46073.9
-7.5°	1212.2	1535.4	2063.2	2920.5	4322.0	6496.1	9499.7	13456.4	18676.5	25498.9	34495.9
-10°	1169.8	1458.6	1919.1	2668.9	3850.5	5672.0	8259.6	11432.5	15540.7	20707.3	27262.9
-12.5°	1112.6	1362.1	1732.6	2338.3	3305.2	4815.0	6947.0	9584.5	12767.8	16358.8	20592.1
-15°	1048.2	1263.9	1579.3	2087.3	2857.2	3993.2	5559.6	7643.3	10192.2	12781.2	15407.8
-17.5°	992.7	1173.6	1423.5	1786.6	2346.3	3230.9	4473.0	5987.7	7684.0	9611.6	11323.1
-20°	926.1	1068.2	1271.0	1561.3	1980.8	2558.3	3453.6	4538.6	5631.9	6972.6	8159.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627269 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	868.5	986.1	1140.7	1341.1	1646.7	2073.1	2594.7	3297.5	4062.8	4875.4	5683.6
-25°	813.3	900.4	1024.7	1187.0	1388.6	1666.3	2010.8	2384.2	2903.0	3358.9	3893.5
-27.5°	762.6	836.5	924.1	1043.4	1197.8	1357.8	1584.8	1818.5	2113.4	2357.3	2701.2
-30°	713.7	775.0	847.3	929.0	1033.9	1152.3	1284.3	1439.9	1600.4	1755.7	1942.9
-32.5°	674.3	721.2	777.2	842.1	908.1	994.2	1074.7	1179.3	1269.7	1368.5	1467.9
-35°	636.1	675.3	718.0	767.2	818.5	875.3	932.2	997.9	1054.4	1116.6	1170.9
-37.5°	603.7	633.1	667.8	704.1	745.4	785.0	826.6	867.4	903.1	945.2	977.3
-40°	574.4	597.9	624.3	651.5	683.4	712.3	744.2	771.6	796.3	822.4	843.2
-42.5°	546.9	567.5	587.7	609.9	631.5	653.5	677.1	698.3	714.6	730.0	742.4
-45°	521.4	539.4	556.2	574.0	589.9	606.7	622.4	635.8	649.7	660.2	667.2
-47.5°	498.3	514.0	529.4	543.2	554.9	567.7	579.3	589.0	598.6	606.3	611.7
-50°	475.4	490.1	504.1	516.6	526.4	535.3	543.2	550.1	556.6	561.8	565.5
-52.5°	452.2	465.9	478.9	490.4	499.9	507.8	514.2	520.0	524.4	527.4	528.7
-55°	430.0	442.6	453.7	464.5	474.2	482.5	488.9	493.6	497.5	500.6	501.6
-57.5°	405.4	419.0	431.1	439.0	447.6	456.8	462.8	466.3	469.5	472.3	473.5
-60°	377.3	390.7	400.9	409.0	417.0	424.6	429.8	434.0	437.2	439.6	441.1
-62.5°	344.3	354.8	364.0	372.4	380.6	387.4	391.6	395.4	398.6	401.4	403.4
-65°	306.0	317.2	324.5	330.8	336.5	342.4	348.6	353.1	356.1	358.0	359.2
-67.5°	266.3	277.2	284.7	290.6	295.2	299.9	305.4	310.2	314.2	316.9	318.3
-70°	227.7	237.2	244.6	251.0	256.4	260.9	265.1	268.6	271.6	273.8	275.4
-72.5°	189.6	199.2	207.0	213.3	218.8	223.1	226.6	229.6	232.0	233.0	233.1
-75°	150.8	158.7	167.3	174.8	181.3	185.3	188.1	190.5	192.4	192.8	192.6
-77.5°	117.5	123.6	129.9	136.1	142.2	145.7	148.2	150.3	152.0	152.3	152.0
-80°	87.4	91.3	95.3	99.1	103.0	105.3	107.0	108.2	109.1	109.5	109.6
-82.5°	60.1	62.4	64.6	66.6	68.5	70.2	71.7	73.0	74.2	74.1	73.8
-85°	35.6	37.0	38.2	39.4	40.5	41.4	42.3	43.1	43.7	43.2	42.5
-87.5°	14.9	15.3	15.8	16.1	16.5	16.8	17.1	17.4	17.6	16.7	15.7
-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: P627269 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-730-U-NR-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°	14.7	13.6	13.7	13.7	13.7	13.6	14.7	15.7	16.7	17.6	17.4
85°	41.8	40.9	41.0	41.1	41.0	40.9	41.8	42.5	43.2	43.7	43.1
82.5°	73.3	72.7	72.9	73.0	72.9	72.7	73.3	73.8	74.1	74.2	73.0
80°	109.4	109.0	107.1	104.9	107.1	109.0	109.4	109.6	109.5	109.1	108.2
77.5°	151.1	149.8	148.1	146.0	148.1	149.8	151.1	152.0	152.3	152.0	150.3
75°	192.0	190.8	191.3	191.6	191.3	190.8	192.0	192.6	192.8	192.4	190.5
72.5°	232.7	231.7	232.3	232.6	232.3	231.7	232.7	233.1	233.0	232.0	229.6
70°	276.5	277.0	275.8	273.7	275.8	277.0	276.5	275.4	273.8	271.6	268.6
67.5°	318.7	318.2	316.8	314.7	316.8	318.2	318.7	318.3	316.9	314.2	310.2
65°	359.6	359.2	360.0	360.4	360.0	359.2	359.6	359.2	358.0	356.1	353.1
62.5°	404.5	404.5	403.5	401.4	403.5	404.5	404.5	403.4	401.4	398.6	395.4
60°	441.7	441.4	440.1	437.9	440.1	441.4	441.7	441.1	439.6	437.2	434.0
57.5°	473.9	473.5	472.1	469.8	472.1	473.5	473.9	473.5	472.3	469.5	466.3
55°	501.8	501.1	499.6	497.2	499.6	501.1	501.8	501.6	500.6	497.5	493.6
52.5°	529.1	528.5	528.6	529.1	528.6	528.5	529.1	528.7	527.4	524.4	520.0
50°	567.8	568.6	567.9	565.6	567.9	568.6	567.8	565.5	561.8	556.6	550.1
47.5°	614.2	614.5	613.4	611.2	613.4	614.5	614.2	611.7	606.3	598.6	589.0
45°	672.8	676.1	677.0	675.1	677.0	676.1	672.8	667.2	660.2	649.7	635.8
42.5°	752.0	757.2	758.6	757.2	758.6	757.2	752.0	742.4	730.0	714.6	698.3
40°	855.9	861.8	862.9	862.1	862.9	861.8	855.9	843.2	822.4	796.3	771.6
37.5°	999.8	1014.3	1021.0	1021.8	1021.0	1014.3	999.8	977.3	945.2	903.1	867.4
35°	1212.2	1240.9	1256.2	1263.6	1256.2	1240.9	1212.2	1170.9	1116.6	1054.4	997.9
32.5°	1543.2	1600.6	1632.4	1628.5	1632.4	1600.6	1543.2	1467.9	1368.5	1269.7	1179.3
30°	2084.0	2184.4	2234.9	2221.5	2234.9	2184.4	2084.0	1942.9	1755.7	1600.4	1439.9
27.5°	2948.2	3129.5	3234.3	3220.5	3234.3	3129.5	2948.2	2701.2	2357.3	2113.4	1818.5
25°	4340.5	4671.3	4883.1	4830.7	4883.1	4671.3	4340.5	3893.5	3358.9	2903.0	2384.2
22.5°	6458.4	7019.0	7389.9	7344.1	7389.9	7019.0	6458.4	5683.6	4875.4	4062.8	3297.5
20°	9363.7	10216.8	10826.0	10906.7	10826.0	10216.8	9363.7	8159.8	6972.6	5631.9	4538.6
17.5°	13171.9	14524.6	15466.2	15623.4	15466.2	14524.6	13171.9	11323.1	9611.6	7684.0	5987.7
15°	18121.2	20332.1	21932.2	22064.3	21932.2	20332.1	18121.2	15407.8	12781.2	10192.2	7643.3
12.5°	24841.6	29288.4	32190.5	33468.2	32190.5	29288.4	24841.6	20592.1	16358.8	12767.8	9584.5
10°	34142.4	44356.4	50897.5	53356.6	50897.5	44356.4	34142.4	27262.9	20707.3	15540.7	11432.5
7.5°	49677.4	65713.6	83541.6	91140.0	83541.6	65713.6	49677.4	34495.9	25498.9	18676.5	13456.4
5°	67269.6	100551.2	132207.7	144569.6	132207.7	100551.2	67269.6	46073.9	30838.7	21189.5	14891.8
2.5°	85781.1	132170.7	175641.3	192641.7	175641.3	132170.7	85781.1	53520.6	34138.6	22818.1	15977.2
0°	93010.3	146015.6	193843.7	212906.4	193843.7	146015.6	93010.3	54830.0	34909.6	23546.8	16471.8
-2.5°	85781.1	132170.7	175641.3	192641.7	175641.3	132170.7	85781.1	53520.6	34138.6	22818.1	15977.2
-5°	67269.6	100551.2	132207.7	144569.6	132207.7	100551.2	67269.6	46073.9	30838.7	21189.5	14891.8
-7.5°	49677.4	65713.6	83541.6	91140.0	83541.6	65713.6	49677.4	34495.9	25498.9	18676.5	13456.4
-10°	34142.4	44356.4	50897.5	53356.6	50897.5	44356.4	34142.4	27262.9	20707.3	15540.7	11432.5
-12.5°	24841.6	29288.4	32190.5	33468.2	32190.5	29288.4	24841.6	20592.1	16358.8	12767.8	9584.5
-15°	18121.2	20332.1	21932.2	22064.3	21932.2	20332.1	18121.2	15407.8	12781.2	10192.2	7643.3
-17.5°	13171.9	14524.6	15466.2	15623.4	15466.2	14524.6	13171.9	11323.1	9611.6	7684.0	5987.7
-20°	9363.7	10216.8	10826.0	10906.7	10826.0	10216.8	9363.7	8159.8	6972.6	5631.9	4538.6



REPORT NUMBER: P627269 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6458.4	7019.0	7389.9	7344.1	7389.9	7019.0	6458.4	5683.6	4875.4	4062.8	3297.5
-25°	4340.5	4671.3	4883.1	4830.7	4883.1	4671.3	4340.5	3893.5	3358.9	2903.0	2384.2
-27.5°	2948.2	3129.5	3234.3	3220.5	3234.3	3129.5	2948.2	2701.2	2357.3	2113.4	1818.5
-30°	2084.0	2184.4	2234.9	2221.5	2234.9	2184.4	2084.0	1942.9	1755.7	1600.4	1439.9
-32.5°	1543.2	1600.6	1632.4	1628.5	1632.4	1600.6	1543.2	1467.9	1368.5	1269.7	1179.3
-35°	1212.2	1240.9	1256.2	1263.6	1256.2	1240.9	1212.2	1170.9	1116.6	1054.4	997.9
-37.5°	999.8	1014.3	1021.0	1021.8	1021.0	1014.3	999.8	977.3	945.2	903.1	867.4
-40°	855.9	861.8	862.9	862.1	862.9	861.8	855.9	843.2	822.4	796.3	771.6
-42.5°	752.0	757.2	758.6	757.2	758.6	757.2	752.0	742.4	730.0	714.6	698.3
-45°	672.8	676.1	677.0	675.1	677.0	676.1	672.8	667.2	660.2	649.7	635.8
-47.5°	614.2	614.5	613.4	611.2	613.4	614.5	614.2	611.7	606.3	598.6	589.0
-50°	567.8	568.6	567.9	565.6	567.9	568.6	567.8	565.5	561.8	556.6	550.1
-52.5°	529.1	528.5	528.6	529.1	528.6	528.5	529.1	528.7	527.4	524.4	520.0
-55°	501.8	501.1	499.6	497.2	499.6	501.1	501.8	501.6	500.6	497.5	493.6
-57.5°	473.9	473.5	472.1	469.8	472.1	473.5	473.9	473.5	472.3	469.5	466.3
-60°	441.7	441.4	440.1	437.9	440.1	441.4	441.7	441.1	439.6	437.2	434.0
-62.5°	404.5	404.5	403.5	401.4	403.5	404.5	404.5	403.4	401.4	398.6	395.4
-65°	359.6	359.2	360.0	360.4	360.0	359.2	359.6	359.2	358.0	356.1	353.1
-67.5°	318.7	318.2	316.8	314.7	316.8	318.2	318.7	318.3	316.9	314.2	310.2
-70°	276.5	277.0	275.8	273.7	275.8	277.0	276.5	275.4	273.8	271.6	268.6
-72.5°	232.7	231.7	232.3	232.6	232.3	231.7	232.7	233.1	233.0	232.0	229.6
-75°	192.0	190.8	191.3	191.6	191.3	190.8	192.0	192.6	192.8	192.4	190.5
-77.5°	151.1	149.8	148.1	146.0	148.1	149.8	151.1	152.0	152.3	152.0	150.3
-80°	109.4	109.0	107.1	104.9	107.1	109.0	109.4	109.6	109.5	109.1	108.2
-82.5°	73.3	72.7	72.9	73.0	72.9	72.7	73.3	73.8	74.1	74.2	73.0
-85°	41.8	40.9	41.0	41.1	41.0	40.9	41.8	42.5	43.2	43.7	43.1
-87.5°	14.7	13.6	13.7	13.7	13.7	13.6	14.7	15.7	16.7	17.6	17.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627269 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-NR-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°	17.1	16.8	16.5	16.1	15.8	15.3	14.9	14.4	13.9	13.4	12.9
85°	42.3	41.4	40.5	39.4	38.2	37.0	35.6	33.6	31.5	29.6	27.7
82.5°	71.7	70.2	68.5	66.6	64.6	62.4	60.1	56.9	53.4	49.5	45.5
80°	107.0	105.3	103.0	99.1	95.3	91.3	87.4	83.6	79.6	75.5	71.0
77.5°	148.2	145.7	142.2	136.1	129.9	123.6	117.5	112.4	107.3	102.1	96.5
75°	188.1	185.3	181.3	174.8	167.3	158.7	150.8	144.4	137.6	130.5	123.0
72.5°	226.6	223.1	218.8	213.3	207.0	199.2	189.6	179.4	169.6	160.3	151.4
70°	265.1	260.9	256.4	251.0	244.6	237.2	227.7	216.1	203.0	190.2	180.6
67.5°	305.4	299.9	295.2	290.6	284.7	277.2	266.3	254.4	241.4	226.6	212.9
65°	348.6	342.4	336.5	330.8	324.5	317.2	306.0	292.9	278.8	264.1	248.6
62.5°	391.6	387.4	380.6	372.4	364.0	354.8	344.3	331.4	316.3	299.2	282.2
60°	429.8	424.6	417.0	409.0	400.9	390.7	377.3	365.4	355.3	335.8	315.5
57.5°	462.8	456.8	447.6	439.0	431.1	419.0	405.4	392.0	378.8	365.4	347.9
55°	488.9	482.5	474.2	464.5	453.7	442.6	430.0	415.7	401.8	389.4	373.3
52.5°	514.2	507.8	499.9	490.4	478.9	465.9	452.2	437.9	424.9	412.2	397.7
50°	543.2	535.3	526.4	516.6	504.1	490.1	475.4	460.1	446.6	433.7	420.0
47.5°	579.3	567.7	554.9	543.2	529.4	514.0	498.3	482.9	468.2	453.0	439.1
45°	622.4	606.7	589.9	574.0	556.2	539.4	521.4	505.3	489.5	473.1	456.1
42.5°	677.1	653.5	631.5	609.9	587.7	567.5	546.9	528.2	510.4	492.9	474.5
40°	744.2	712.3	683.4	651.5	624.3	597.9	574.4	550.9	531.2	512.2	491.9
37.5°	826.6	785.0	745.4	704.1	667.8	633.1	603.7	576.7	551.0	530.2	508.8
35°	932.2	875.3	818.5	767.2	718.0	675.3	636.1	603.7	574.4	547.5	525.1
32.5°	1074.7	994.2	908.1	842.1	777.2	721.2	674.3	633.1	597.9	567.5	540.5
30°	1284.3	1152.3	1033.9	929.0	847.3	775.0	713.7	666.1	624.3	587.7	556.2
27.5°	1584.8	1357.8	1197.8	1043.4	924.1	836.5	762.6	700.0	651.0	609.9	573.7
25°	2010.8	1666.3	1388.6	1187.0	1024.7	900.4	813.3	740.8	680.7	631.3	587.8
22.5°	2594.7	2073.1	1646.7	1341.1	1140.7	986.1	868.5	781.1	707.9	650.0	602.7
20°	3453.6	2558.3	1980.8	1561.3	1271.0	1068.2	926.1	823.1	738.5	669.5	615.7
17.5°	4473.0	3230.9	2346.3	1786.6	1423.5	1173.6	992.7	861.8	766.4	686.4	626.3
15°	5559.6	3993.2	2857.2	2087.3	1579.3	1263.9	1048.2	896.1	792.9	705.1	639.5
12.5°	6947.0	4815.0	3305.2	2338.3	1732.6	1362.1	1112.6	939.5	818.9	725.2	653.2
10°	8259.6	5672.0	3850.5	2668.9	1919.1	1458.6	1169.8	973.0	839.1	741.3	664.4
7.5°	9499.7	6496.1	4322.0	2920.5	2063.2	1535.4	1212.2	997.1	853.5	752.5	672.9
5°	10408.6	7109.3	4691.0	3114.6	2165.0	1591.0	1239.8	1012.1	862.1	759.1	678.7
2.5°	11100.0	7515.7	4915.4	3228.4	2223.2	1623.8	1256.3	1023.6	870.3	764.4	685.1
0°	11417.6	7672.5	4990.3	3288.9	2258.0	1633.0	1263.6	1030.9	875.8	766.3	688.8
-2.5°	11100.0	7515.7	4915.4	3228.4	2223.2	1623.8	1256.3	1023.6	870.3	764.4	685.1
-5°	10408.6	7109.3	4691.0	3114.6	2165.0	1591.0	1239.8	1012.1	862.1	759.1	678.7
-7.5°	9499.7	6496.1	4322.0	2920.5	2063.2	1535.4	1212.2	997.1	853.5	752.5	672.9
-10°	8259.6	5672.0	3850.5	2668.9	1919.1	1458.6	1169.8	973.0	839.1	741.3	664.4
-12.5°	6947.0	4815.0	3305.2	2338.3	1732.6	1362.1	1112.6	939.5	818.9	725.2	653.2
-15°	5559.6	3993.2	2857.2	2087.3	1579.3	1263.9	1048.2	896.1	792.9	705.1	639.5
-17.5°	4473.0	3230.9	2346.3	1786.6	1423.5	1173.6	992.7	861.8	766.4	686.4	626.3
-20°	3453.6	2558.3	1980.8	1561.3	1271.0	1068.2	926.1	823.1	738.5	669.5	615.7



Classified

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

Scaled Data Report



REPORT NUMBER: P627269 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-730-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2594.7	2073.1	1646.7	1341.1	1140.7	986.1	868.5	781.1	707.9	650.0	602.7
-25°	2010.8	1666.3	1388.6	1187.0	1024.7	900.4	813.3	740.8	680.7	631.3	587.8
-27.5°	1584.8	1357.8	1197.8	1043.4	924.1	836.5	762.6	700.0	651.0	609.9	573.7
-30°	1284.3	1152.3	1033.9	929.0	847.3	775.0	713.7	666.1	624.3	587.7	556.2
-32.5°	1074.7	994.2	908.1	842.1	777.2	721.2	674.3	633.1	597.9	567.5	540.5
-35°	932.2	875.3	818.5	767.2	718.0	675.3	636.1	603.7	574.4	547.5	525.1
-37.5°	826.6	785.0	745.4	704.1	667.8	633.1	603.7	576.7	551.0	530.2	508.8
-40°	744.2	712.3	683.4	651.5	624.3	597.9	574.4	550.9	531.2	512.2	491.9
-42.5°	677.1	653.5	631.5	609.9	587.7	567.5	546.9	528.2	510.4	492.9	474.5
-45°	622.4	606.7	589.9	574.0	556.2	539.4	521.4	505.3	489.5	473.1	456.1
-47.5°	579.3	567.7	554.9	543.2	529.4	514.0	498.3	482.9	468.2	453.0	439.1
-50°	543.2	535.3	526.4	516.6	504.1	490.1	475.4	460.1	446.6	433.7	420.0
-52.5°	514.2	507.8	499.9	490.4	478.9	465.9	452.2	437.9	424.9	412.2	397.7
-55°	488.9	482.5	474.2	464.5	453.7	442.6	430.0	415.7	401.8	389.4	373.3
-57.5°	462.8	456.8	447.6	439.0	431.1	419.0	405.4	392.0	378.8	365.4	347.9
-60°	429.8	424.6	417.0	409.0	400.9	390.7	377.3	365.4	355.3	335.8	315.5
-62.5°	391.6	387.4	380.6	372.4	364.0	354.8	344.3	331.4	316.3	299.2	282.2
-65°	348.6	342.4	336.5	330.8	324.5	317.2	306.0	292.9	278.8	264.1	248.6
-67.5°	305.4	299.9	295.2	290.6	284.7	277.2	266.3	254.4	241.4	226.6	212.9
-70°	265.1	260.9	256.4	251.0	244.6	237.2	227.7	216.1	203.0	190.2	180.6
-72.5°	226.6	223.1	218.8	213.3	207.0	199.2	189.6	179.4	169.6	160.3	151.4
-75°	188.1	185.3	181.3	174.8	167.3	158.7	150.8	144.4	137.6	130.5	123.0
-77.5°	148.2	145.7	142.2	136.1	129.9	123.6	117.5	112.4	107.3	102.1	96.5
-80°	107.0	105.3	103.0	99.1	95.3	91.3	87.4	83.6	79.6	75.5	71.0
-82.5°	71.7	70.2	68.5	66.6	64.6	62.4	60.1	56.9	53.4	49.5	45.5
-85°	42.3	41.4	40.5	39.4	38.2	37.0	35.6	33.6	31.5	29.6	27.7
-87.5°	17.1	16.8	16.5	16.1	15.8	15.3	14.9	14.4	13.9	13.4	12.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627269 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-730-U-NR-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°	12.3	11.7	11.1	10.4	9.8	9.1	8.4	7.7	7.0	6.2	5.5
85°	26.6	25.4	23.9	22.2	20.2	18.2	16.8	15.4	13.9	12.4	10.9
82.5°	43.2	41.6	39.9	37.9	34.9	31.8	28.7	25.5	22.2	18.8	16.4
80°	66.8	62.7	58.7	54.7	50.1	45.4	41.2	36.9	32.6	28.1	23.6
77.5°	90.8	84.8	78.5	72.8	67.0	61.1	55.0	48.8	42.9	37.3	31.7
75°	115.2	107.8	100.4	92.6	84.7	76.7	69.4	61.9	54.3	46.6	39.7
72.5°	142.3	132.8	123.0	113.0	103.8	94.3	84.5	75.0	66.1	57.1	48.0
70°	170.6	158.9	147.2	136.0	124.1	111.8	100.7	89.3	77.8	67.5	57.1
67.5°	200.2	188.3	174.5	159.6	146.2	132.3	117.2	103.9	90.9	77.8	66.1
65°	232.7	217.8	203.5	186.3	169.4	153.1	136.8	119.2	103.9	89.3	75.0
62.5°	264.5	246.5	229.3	211.6	193.2	174.5	156.1	136.3	117.1	100.7	84.5
60°	295.9	275.9	254.6	234.5	215.3	195.6	174.7	153.0	131.8	111.8	94.3
57.5°	325.8	304.8	280.7	257.2	235.5	215.0	192.7	169.1	146.1	123.9	103.7
55°	353.6	330.2	305.2	279.6	255.3	232.7	209.5	184.5	159.9	136.0	112.8
52.5°	379.2	354.8	328.0	300.9	274.4	249.8	225.3	199.4	173.1	147.6	122.6
50°	403.0	379.1	350.7	321.6	292.5	266.5	240.9	213.7	185.7	158.7	132.2
47.5°	423.7	401.0	373.5	342.0	311.0	283.1	256.1	227.6	197.6	169.2	141.4
45°	440.5	421.3	394.8	363.1	329.9	300.3	271.1	241.3	209.9	179.4	150.3
42.5°	456.2	438.2	414.4	383.8	349.3	317.2	285.7	254.6	221.9	189.1	158.8
40°	472.2	453.1	432.5	401.8	367.4	333.4	300.4	267.5	233.4	198.7	166.9
37.5°	487.1	467.3	446.4	418.4	383.8	348.7	314.6	280.0	244.2	208.2	174.6
35°	502.2	480.0	458.4	431.5	398.0	362.6	328.0	292.0	254.3	217.1	181.8
32.5°	516.6	491.9	468.5	442.2	410.9	375.1	340.0	302.5	263.8	225.3	188.6
30°	529.8	502.9	478.3	452.5	422.0	386.0	350.1	312.0	272.6	232.8	195.0
27.5°	540.4	512.1	487.5	461.4	430.8	395.8	358.9	320.5	280.7	239.7	201.1
25°	550.9	520.6	494.9	469.5	439.1	405.7	367.2	328.1	287.9	246.2	206.5
22.5°	562.6	528.4	500.7	477.1	447.6	415.3	375.1	334.7	294.0	252.1	211.4
20°	572.9	535.3	505.1	483.2	454.3	422.4	382.6	340.6	299.3	257.3	215.6
17.5°	582.0	542.6	510.8	486.7	459.6	428.5	389.5	345.8	303.8	261.8	219.2
15°	591.4	550.2	515.9	489.6	463.9	433.6	395.8	350.4	307.4	265.7	222.4
12.5°	599.9	556.5	520.0	491.9	467.1	437.7	401.3	354.2	310.2	268.9	225.4
10°	606.9	561.3	523.0	493.4	469.4	440.9	406.0	357.8	313.3	271.4	227.9
7.5°	612.4	564.6	525.0	494.3	471.0	443.4	410.1	362.0	315.8	273.1	229.9
5°	616.4	567.3	528.0	497.1	472.9	445.4	412.9	365.4	317.7	274.0	231.4
2.5°	619.4	569.5	531.4	499.8	474.0	446.6	414.6	367.9	318.9	274.2	232.3
0°	620.4	570.2	533.7	501.8	474.4	447.0	415.1	369.5	319.3	273.7	232.6
-2.5°	619.4	569.5	531.4	499.8	474.0	446.6	414.6	367.9	318.9	274.2	232.3
-5°	616.4	567.3	528.0	497.1	472.9	445.4	412.9	365.4	317.7	274.0	231.4
-7.5°	612.4	564.6	525.0	494.3	471.0	443.4	410.1	362.0	315.8	273.1	229.9
-10°	606.9	561.3	523.0	493.4	469.4	440.9	406.0	357.8	313.3	271.4	227.9
-12.5°	599.9	556.5	520.0	491.9	467.1	437.7	401.3	354.2	310.2	268.9	225.4
-15°	591.4	550.2	515.9	489.6	463.9	433.6	395.8	350.4	307.4	265.7	222.4
-17.5°	582.0	542.6	510.8	486.7	459.6	428.5	389.5	345.8	303.8	261.8	219.2
-20°	572.9	535.3	505.1	483.2	454.3	422.4	382.6	340.6	299.3	257.3	215.6



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	562.6	528.4	500.7	477.1	447.6	415.3	375.1	334.7	294.0	252.1	211.4
-25°	550.9	520.6	494.9	469.5	439.1	405.7	367.2	328.1	287.9	246.2	206.5
-27.5°	540.4	512.1	487.5	461.4	430.8	395.8	358.9	320.5	280.7	239.7	201.1
-30°	529.8	502.9	478.3	452.5	422.0	386.0	350.1	312.0	272.6	232.8	195.0
-32.5°	516.6	491.9	468.5	442.2	410.9	375.1	340.0	302.5	263.8	225.3	188.6
-35°	502.2	480.0	458.4	431.5	398.0	362.6	328.0	292.0	254.3	217.1	181.8
-37.5°	487.1	467.3	446.4	418.4	383.8	348.7	314.6	280.0	244.2	208.2	174.6
-40°	472.2	453.1	432.5	401.8	367.4	333.4	300.4	267.5	233.4	198.7	166.9
-42.5°	456.2	438.2	414.4	383.8	349.3	317.2	285.7	254.6	221.9	189.1	158.8
-45°	440.5	421.3	394.8	363.1	329.9	300.3	271.1	241.3	209.9	179.4	150.3
-47.5°	423.7	401.0	373.5	342.0	311.0	283.1	256.1	227.6	197.6	169.2	141.4
-50°	403.0	379.1	350.7	321.6	292.5	266.5	240.9	213.7	185.7	158.7	132.2
-52.5°	379.2	354.8	328.0	300.9	274.4	249.8	225.3	199.4	173.1	147.6	122.6
-55°	353.6	330.2	305.2	279.6	255.3	232.7	209.5	184.5	159.9	136.0	112.8
-57.5°	325.8	304.8	280.7	257.2	235.5	215.0	192.7	169.1	146.1	123.9	103.7
-60°	295.9	275.9	254.6	234.5	215.3	195.6	174.7	153.0	131.8	111.8	94.3
-62.5°	264.5	246.5	229.3	211.6	193.2	174.5	156.1	136.3	117.1	100.7	84.5
-65°	232.7	217.8	203.5	186.3	169.4	153.1	136.8	119.2	103.9	89.3	75.0
-67.5°	200.2	188.3	174.5	159.6	146.2	132.3	117.2	103.9	90.9	77.8	66.1
-70°	170.6	158.9	147.2	136.0	124.1	111.8	100.7	89.3	77.8	67.5	57.1
-72.5°	142.3	132.8	123.0	113.0	103.8	94.3	84.5	75.0	66.1	57.1	48.0
-75°	115.2	107.8	100.4	92.6	84.7	76.7	69.4	61.9	54.3	46.6	39.7
-77.5°	90.8	84.8	78.5	72.8	67.0	61.1	55.0	48.8	42.9	37.3	31.7
-80°	66.8	62.7	58.7	54.7	50.1	45.4	41.2	36.9	32.6	28.1	23.6
-82.5°	43.2	41.6	39.9	37.9	34.9	31.8	28.7	25.5	22.2	18.8	16.4
-85°	26.6	25.4	23.9	22.2	20.2	18.2	16.8	15.4	13.9	12.4	10.9
-87.5°	12.3	11.7	11.1	10.4	9.8	9.1	8.4	7.7	7.0	6.2	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

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.7	3.9	3.2	2.4	1.6	0.7	0.0
85°	9.4	7.9	6.3	4.7	3.2	1.4	0.0
82.5°	14.1	11.8	9.5	7.1	4.7	2.1	0.0
80°	19.0	15.7	12.6	9.5	6.3	2.8	0.0
77.5°	26.0	20.1	15.7	11.8	7.8	3.4	0.0
75°	32.8	25.6	19.0	14.1	9.3	4.1	0.0
72.5°	39.5	31.0	23.1	16.4	10.8	4.8	0.0
70°	46.2	36.3	27.2	18.8	12.3	5.4	0.0
67.5°	53.8	41.5	31.2	21.7	13.7	6.0	0.0
65°	61.3	47.1	35.1	24.5	15.0	6.7	0.0
62.5°	68.6	53.2	38.9	27.2	16.3	7.2	0.0
60°	75.8	59.2	42.6	29.9	17.6	7.8	0.0
57.5°	83.7	65.0	47.2	32.5	19.2	8.4	0.0
55°	91.5	70.7	51.7	35.0	20.9	8.9	0.0
52.5°	99.0	76.3	56.1	37.4	22.4	9.4	0.0
50°	106.3	82.3	60.3	39.7	24.0	9.9	0.0
47.5°	113.4	88.2	64.3	42.1	25.5	10.4	0.0
45°	121.0	93.8	68.2	45.0	26.9	10.8	0.0
42.5°	128.3	99.1	72.0	47.8	28.3	11.2	0.0
40°	135.2	104.2	75.8	50.5	29.6	11.6	0.0
37.5°	141.8	109.1	79.6	53.1	30.9	12.0	0.0
35°	148.0	114.0	83.2	55.6	32.1	12.3	0.0
32.5°	153.7	118.8	86.6	57.9	33.3	12.6	0.0
30°	159.1	123.3	89.8	60.1	34.3	12.8	0.0
27.5°	164.1	127.4	92.9	62.1	35.4	13.1	0.0
25°	168.7	131.2	95.7	64.0	36.3	13.3	0.0
22.5°	172.8	134.6	98.3	65.7	37.2	13.5	0.0
20°	176.5	137.5	100.6	67.2	38.0	13.6	0.0
17.5°	179.6	140.1	102.7	68.5	38.7	13.7	0.0
15°	182.1	142.1	104.5	69.7	39.3	13.8	0.0
12.5°	184.1	143.8	106.0	70.7	39.8	13.9	0.0
10°	185.6	145.0	107.3	71.5	40.3	13.9	0.0
7.5°	186.7	145.8	108.2	72.2	40.6	13.9	0.0
5°	187.3	146.3	108.9	72.6	40.9	13.8	0.0
2.5°	187.4	146.3	109.4	72.9	41.0	13.8	0.0
0°	187.0	146.0	109.5	73.0	41.1	13.7	0.0
-2.5°	187.4	146.3	109.4	72.9	41.0	13.8	0.0
-5°	187.3	146.3	108.9	72.6	40.9	13.8	0.0
-7.5°	186.7	145.8	108.2	72.2	40.6	13.9	0.0
-10°	185.6	145.0	107.3	71.5	40.3	13.9	0.0
-12.5°	184.1	143.8	106.0	70.7	39.8	13.9	0.0
-15°	182.1	142.1	104.5	69.7	39.3	13.8	0.0
-17.5°	179.6	140.1	102.7	68.5	38.7	13.7	0.0
-20°	176.5	137.5	100.6	67.2	38.0	13.6	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	172.8	134.6	98.3	65.7	37.2	13.5	0.0
-25°	168.7	131.2	95.7	64.0	36.3	13.3	0.0
-27.5°	164.1	127.4	92.9	62.1	35.4	13.1	0.0
-30°	159.1	123.3	89.8	60.1	34.3	12.8	0.0
-32.5°	153.7	118.8	86.6	57.9	33.3	12.6	0.0
-35°	148.0	114.0	83.2	55.6	32.1	12.3	0.0
-37.5°	141.8	109.1	79.6	53.1	30.9	12.0	0.0
-40°	135.2	104.2	75.8	50.5	29.6	11.6	0.0
-42.5°	128.3	99.1	72.0	47.8	28.3	11.2	0.0
-45°	121.0	93.8	68.2	45.0	26.9	10.8	0.0
-47.5°	113.4	88.2	64.3	42.1	25.5	10.4	0.0
-50°	106.3	82.3	60.3	39.7	24.0	9.9	0.0
-52.5°	99.0	76.3	56.1	37.4	22.4	9.4	0.0
-55°	91.5	70.7	51.7	35.0	20.9	8.9	0.0
-57.5°	83.7	65.0	47.2	32.5	19.2	8.4	0.0
-60°	75.8	59.2	42.6	29.9	17.6	7.8	0.0
-62.5°	68.6	53.2	38.9	27.2	16.3	7.2	0.0
-65°	61.3	47.1	35.1	24.5	15.0	6.7	0.0
-67.5°	53.8	41.5	31.2	21.7	13.7	6.0	0.0
-70°	46.2	36.3	27.2	18.8	12.3	5.4	0.0
-72.5°	39.5	31.0	23.1	16.4	10.8	4.8	0.0
-75°	32.8	25.6	19.0	14.1	9.3	4.1	0.0
-77.5°	26.0	20.1	15.7	11.8	7.8	3.4	0.0
-80°	19.0	15.7	12.6	9.5	6.3	2.8	0.0
-82.5°	14.1	11.8	9.5	7.1	4.7	2.1	0.0
-85°	9.4	7.9	6.3	4.7	3.2	1.4	0.0
-87.5°	4.7	3.9	3.2	2.4	1.6	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)