

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: P627329 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627329 (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-SA4B-730-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N89
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

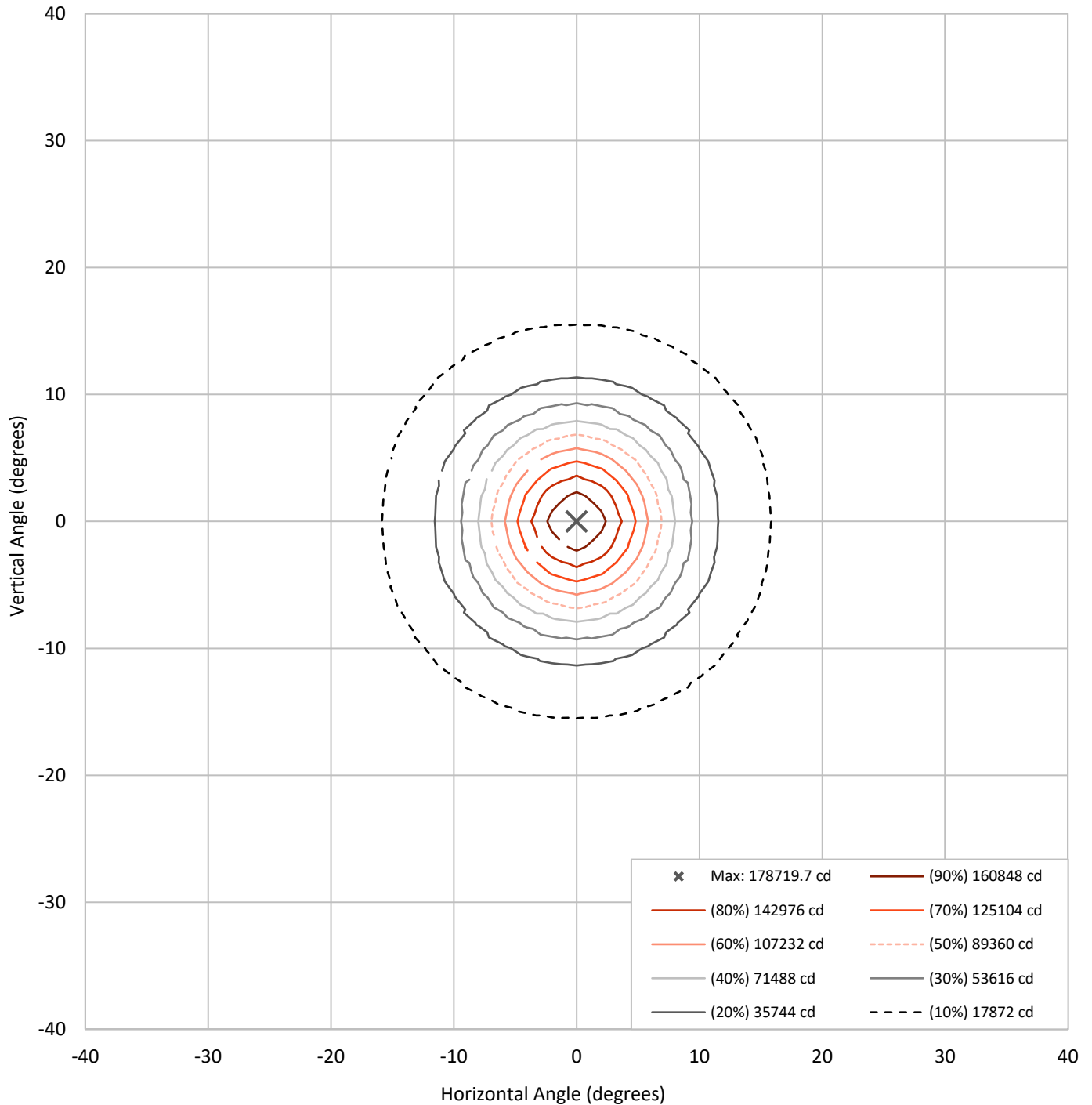
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	18977.4 lumens	Max Intensity:	178719.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	146.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' 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:	5610.8 lumens	Field Lumens:	12626.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	129.5		
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





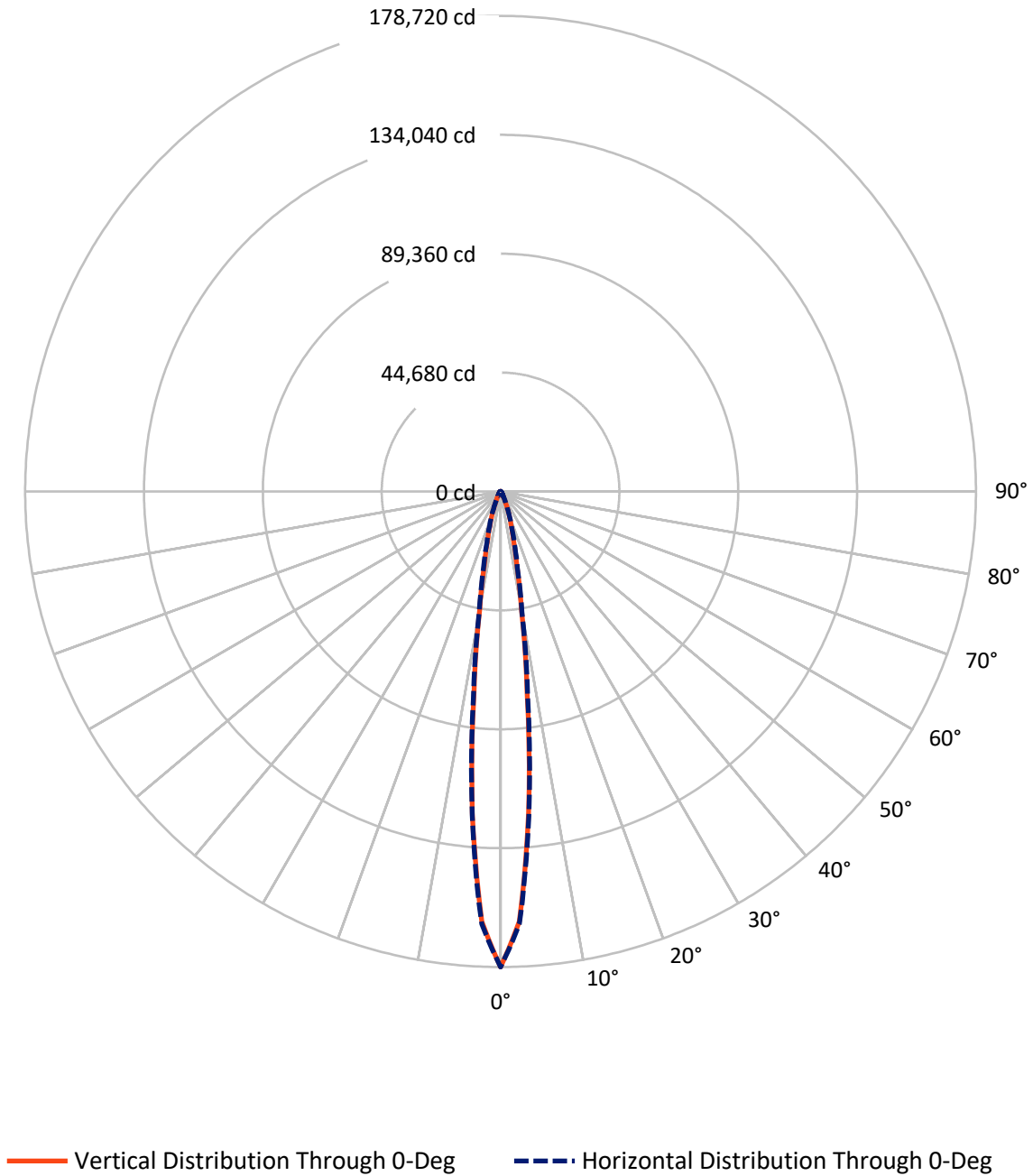
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Lumen Table

90	0.3	2.6		6.8		11.0		12.1		11.0		6.8		2.6		0.3			
80	0.3	2.6		6.8		11.0		12.1		11.0		6.8		2.6		0.3			
70	1.2	1.3	2.7	4.5	6.4	7.8	8.8	9.2	9.2	8.8	7.8	6.4	4.5	2.7	1.3	1.2			
60		2.0	4.1	6.7	9.0	10.9	12.2	12.8	12.8	12.2	10.9	9.0	6.7	4.1	2.0				
50	2.1	2.6	5.3	8.2	11.0	13.8	16.2	17.5	17.5	16.2	13.8	11.0	8.2	5.3	2.6	2.1			
40		3.2	6.3	9.5	13.5	19.4	27.4	33.9	33.9	27.4	19.4	13.5	9.5	6.3	3.2				
30	2.7	3.6	6.9	10.7	17.5	34.7	79.0	130.7	130.7	79.0	34.7	17.5	10.7	6.9	3.6	2.7			
20		3.8	7.2	11.8	23.2	73.6	261.4	563.1	563.1	261.4	73.6	23.2	11.8	7.2	3.8				
10	2.9	4.0	7.4	12.6	28.0	121.3	568.3	2455.2	2455.2	568.3	121.3	28.0	12.6	7.4	4.0	2.9			
0		4.0	7.4	12.6	28.0	121.3	568.3	2455.2	2455.2	568.3	121.3	28.0	12.6	7.4	4.0				
-10	2.7	3.8	7.2	11.8	23.2	73.6	261.4	563.1	563.1	261.4	73.6	23.2	11.8	7.2	3.8	2.7			
-20		3.6	6.9	10.7	17.5	34.7	79.0	130.7	130.7	79.0	34.7	17.5	10.7	6.9	3.6				
-30	2.1	3.2	6.3	9.5	13.5	19.4	27.4	33.9	33.9	27.4	19.4	13.5	9.5	6.3	3.2	2.1			
-40		2.6	5.3	8.2	11.0	13.8	16.2	17.5	17.5	16.2	13.8	11.0	8.2	5.3	2.6				
-50	1.2	2.0	4.1	6.7	9.0	10.9	12.2	12.8	12.8	12.2	10.9	9.0	6.7	4.1	2.0	1.2			
-60		1.3	2.7	4.5	6.4	7.8	8.8	9.2	9.2	8.8	7.8	6.4	4.5	2.7	1.3				
-70	0.3	2.6		6.8		11.0		12.1		11.0		6.8		2.6		0.3			
-80		2.6		6.8		11.0		12.1		11.0		6.8		2.6					
-90	0.3	2.6		6.8		11.0		12.1		11.0		6.8		2.6		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

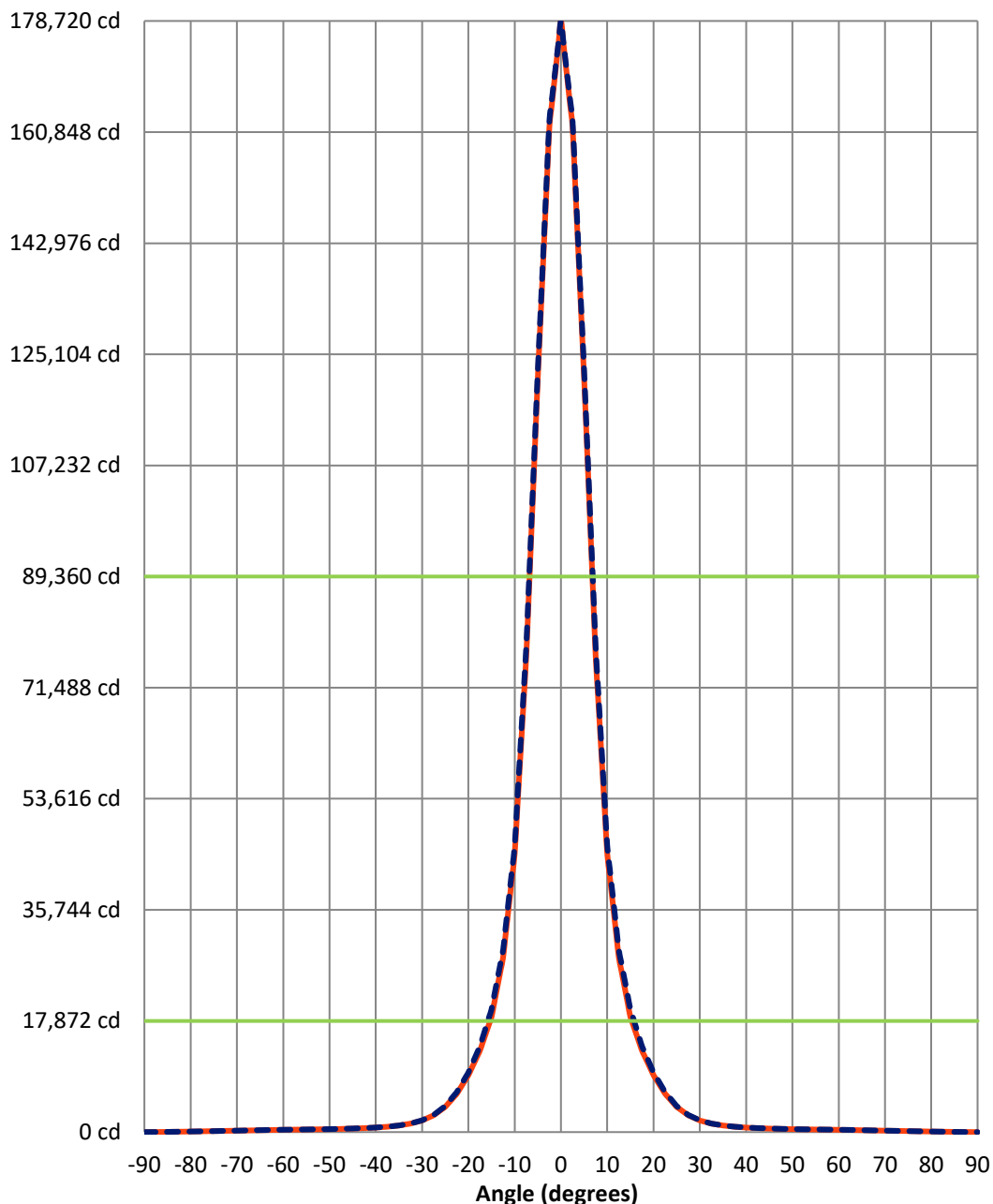
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 5610.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 12626.6
 Efficiency: 66.5%

Spill:
 Lumens: 6350.9
 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	0.6	1.3	2.0	2.7	3.3	4.0	4.6	5.2	5.9	6.5
85°	0.0	1.2	2.7	4.0	5.3	6.6	7.9	9.2	10.5	11.7	12.9
82.5°	0.0	1.7	4.0	6.0	7.9	9.9	11.8	13.8	15.8	18.6	21.4
80°	0.0	2.3	5.3	7.9	10.6	13.2	16.0	19.8	23.6	27.4	31.0
77.5°	0.0	2.9	6.6	9.9	13.2	16.9	21.8	26.6	31.4	36.0	41.0
75°	0.0	3.5	7.8	11.8	15.9	21.5	27.5	33.4	39.1	45.6	52.0
72.5°	0.0	4.0	9.1	13.8	19.4	26.1	33.2	40.3	48.0	55.5	63.0
70°	0.0	4.5	10.3	15.8	22.9	30.5	38.8	48.0	56.7	65.4	75.0
67.5°	0.0	5.1	11.5	18.2	26.2	34.8	45.2	55.5	65.4	76.4	87.2
65°	0.0	5.6	12.6	20.6	29.5	39.6	51.5	63.0	75.0	87.2	100.0
62.5°	0.0	6.1	13.7	22.9	32.7	44.7	57.7	71.0	84.5	98.3	114.4
60°	0.0	6.6	14.8	25.1	35.7	49.7	63.7	79.1	93.8	110.7	128.4
57.5°	0.0	7.0	16.2	27.3	39.6	54.6	70.3	87.1	104.0	122.7	141.9
55°	0.0	7.5	17.5	29.4	43.4	59.4	76.8	94.7	114.1	134.2	154.9
52.5°	0.0	7.9	18.8	31.4	47.1	64.1	83.1	102.9	123.9	145.3	167.4
50°	0.0	8.3	20.1	33.3	50.6	69.1	89.2	111.0	133.2	155.9	179.4
47.5°	0.0	8.7	21.4	35.3	54.0	74.0	95.2	118.7	142.1	166.0	191.1
45°	0.0	9.1	22.6	37.8	57.3	78.7	101.6	126.2	150.6	176.3	202.5
42.5°	0.0	9.4	23.7	40.1	60.4	83.2	107.7	133.3	158.8	186.3	213.6
40°	0.0	9.7	24.9	42.4	63.6	87.5	113.5	140.1	166.8	195.9	224.5
37.5°	0.0	10.0	25.9	44.6	66.9	91.5	119.0	146.6	174.8	204.9	235.0
35°	0.0	10.3	27.0	46.7	69.9	95.7	124.2	152.7	182.3	213.4	245.1
32.5°	0.0	10.6	27.9	48.7	72.7	99.7	129.1	158.3	189.1	221.4	253.9
30°	0.0	10.8	28.8	50.5	75.4	103.5	133.6	163.7	195.4	228.8	261.9
27.5°	0.0	11.0	29.7	52.2	78.0	107.0	137.8	168.8	201.2	235.6	269.0
25°	0.0	11.2	30.5	53.7	80.3	110.1	141.6	173.4	206.7	241.6	275.4
22.5°	0.0	11.3	31.2	55.1	82.5	113.0	145.1	177.4	211.6	246.8	280.9
20°	0.0	11.4	31.9	56.4	84.4	115.5	148.2	181.0	216.0	251.2	285.9
17.5°	0.0	11.5	32.5	57.6	86.2	117.6	150.7	184.1	219.8	255.0	290.3
15°	0.0	11.6	33.0	58.5	87.7	119.3	152.8	186.8	223.0	258.1	294.1
12.5°	0.0	11.6	33.4	59.4	89.0	120.7	154.5	189.3	225.7	260.4	297.3
10°	0.0	11.7	33.8	60.1	90.0	121.7	155.8	191.4	227.8	262.9	300.3
7.5°	0.0	11.6	34.1	60.6	90.8	122.4	156.7	193.0	229.2	265.1	303.9
5°	0.0	11.6	34.3	61.0	91.4	122.8	157.2	194.3	230.0	266.7	306.7
2.5°	0.0	11.6	34.5	61.2	91.8	122.8	157.3	195.0	230.1	267.7	308.9
0°	0.0	11.5	34.5	61.3	91.9	122.5	157.0	195.3	229.7	268.0	310.2
-2.5°	0.0	11.6	34.5	61.2	91.8	122.8	157.3	195.0	230.1	267.7	308.9
-5°	0.0	11.6	34.3	61.0	91.4	122.8	157.2	194.3	230.0	266.7	306.7
-7.5°	0.0	11.6	34.1	60.6	90.8	122.4	156.7	193.0	229.2	265.1	303.9
-10°	0.0	11.7	33.8	60.1	90.0	121.7	155.8	191.4	227.8	262.9	300.3
-12.5°	0.0	11.6	33.4	59.4	89.0	120.7	154.5	189.3	225.7	260.4	297.3
-15°	0.0	11.6	33.0	58.5	87.7	119.3	152.8	186.8	223.0	258.1	294.1
-17.5°	0.0	11.5	32.5	57.6	86.2	117.6	150.7	184.1	219.8	255.0	290.3
-20°	0.0	11.4	31.9	56.4	84.4	115.5	148.2	181.0	216.0	251.2	285.9

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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	11.3	31.2	55.1	82.5	113.0	145.1	177.4	211.6	246.8	280.9
-25°	0.0	11.2	30.5	53.7	80.3	110.1	141.6	173.4	206.7	241.6	275.4
-27.5°	0.0	11.0	29.7	52.2	78.0	107.0	137.8	168.8	201.2	235.6	269.0
-30°	0.0	10.8	28.8	50.5	75.4	103.5	133.6	163.7	195.4	228.8	261.9
-32.5°	0.0	10.6	27.9	48.7	72.7	99.7	129.1	158.3	189.1	221.4	253.9
-35°	0.0	10.3	27.0	46.7	69.9	95.7	124.2	152.7	182.3	213.4	245.1
-37.5°	0.0	10.0	25.9	44.6	66.9	91.5	119.0	146.6	174.8	204.9	235.0
-40°	0.0	9.7	24.9	42.4	63.6	87.5	113.5	140.1	166.8	195.9	224.5
-42.5°	0.0	9.4	23.7	40.1	60.4	83.2	107.7	133.3	158.8	186.3	213.6
-45°	0.0	9.1	22.6	37.8	57.3	78.7	101.6	126.2	150.6	176.3	202.5
-47.5°	0.0	8.7	21.4	35.3	54.0	74.0	95.2	118.7	142.1	166.0	191.1
-50°	0.0	8.3	20.1	33.3	50.6	69.1	89.2	111.0	133.2	155.9	179.4
-52.5°	0.0	7.9	18.8	31.4	47.1	64.1	83.1	102.9	123.9	145.3	167.4
-55°	0.0	7.5	17.5	29.4	43.4	59.4	76.8	94.7	114.1	134.2	154.9
-57.5°	0.0	7.0	16.2	27.3	39.6	54.6	70.3	87.1	104.0	122.7	141.9
-60°	0.0	6.6	14.8	25.1	35.7	49.7	63.7	79.1	93.8	110.7	128.4
-62.5°	0.0	6.1	13.7	22.9	32.7	44.7	57.7	71.0	84.5	98.3	114.4
-65°	0.0	5.6	12.6	20.6	29.5	39.6	51.5	63.0	75.0	87.2	100.0
-67.5°	0.0	5.1	11.5	18.2	26.2	34.8	45.2	55.5	65.4	76.4	87.2
-70°	0.0	4.5	10.3	15.8	22.9	30.5	38.8	48.0	56.7	65.4	75.0
-72.5°	0.0	4.0	9.1	13.8	19.4	26.1	33.2	40.3	48.0	55.5	63.0
-75°	0.0	3.5	7.8	11.8	15.9	21.5	27.5	33.4	39.1	45.6	52.0
-77.5°	0.0	2.9	6.6	9.9	13.2	16.9	21.8	26.6	31.4	36.0	41.0
-80°	0.0	2.3	5.3	7.9	10.6	13.2	16.0	19.8	23.6	27.4	31.0
-82.5°	0.0	1.7	4.0	6.0	7.9	9.9	11.8	13.8	15.8	18.6	21.4
-85°	0.0	1.2	2.7	4.0	5.3	6.6	7.9	9.2	10.5	11.7	12.9
-87.5°	0.0	0.6	1.3	2.0	2.7	3.3	4.0	4.6	5.2	5.9	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



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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°	7.1	7.6	8.2	8.8	9.3	9.8	10.3	10.8	11.3	11.7	12.1
85°	14.1	15.3	17.0	18.7	20.1	21.3	22.4	23.3	24.8	26.5	28.2
82.5°	24.1	26.7	29.3	31.8	33.5	34.9	36.2	38.2	41.6	44.8	47.8
80°	34.6	38.1	42.1	46.0	49.3	52.6	56.1	59.7	63.4	66.9	70.2
77.5°	46.2	51.3	56.3	61.1	66.0	71.2	76.2	81.1	85.7	90.1	94.3
75°	58.3	64.4	71.1	77.8	84.3	90.5	96.7	103.2	109.5	115.5	121.2
72.5°	71.0	79.1	87.1	94.9	103.3	111.5	119.5	127.1	134.6	142.4	150.6
70°	84.5	93.8	104.2	114.2	123.5	133.4	143.2	151.6	159.7	170.4	181.4
67.5°	98.4	111.0	122.7	134.0	146.5	158.0	168.1	178.8	190.3	202.7	213.5
65°	114.8	128.5	142.1	156.3	170.8	182.8	195.4	208.6	221.6	234.0	245.8
62.5°	131.0	146.5	162.1	177.6	192.5	206.9	222.0	236.8	251.1	265.5	278.2
60°	146.6	164.2	180.7	196.9	213.7	231.6	248.4	264.8	281.9	298.2	306.8
57.5°	161.7	180.4	197.7	215.9	235.6	255.8	273.4	292.1	306.8	318.1	329.1
55°	175.9	195.4	214.3	234.7	256.1	277.2	296.8	313.4	326.9	337.3	349.0
52.5°	189.1	209.7	230.3	252.5	275.3	297.8	318.3	333.8	346.0	356.6	367.6
50°	202.2	223.7	245.5	269.9	294.3	318.2	338.3	352.5	364.0	374.9	386.2
47.5°	215.0	237.6	261.1	287.1	313.5	336.6	355.6	368.6	380.2	393.0	405.4
45°	227.5	252.0	276.9	304.8	331.4	353.6	369.8	382.8	397.1	410.9	424.2
42.5°	239.8	266.2	293.2	322.1	347.8	367.8	382.9	398.3	413.8	428.5	443.4
40°	252.2	279.8	308.4	337.2	363.0	380.3	396.3	412.9	429.9	445.9	462.5
37.5°	264.0	292.7	322.1	351.2	374.7	392.2	408.8	427.1	445.0	462.5	484.1
35°	275.3	304.4	334.0	362.2	384.8	402.9	421.5	440.7	459.6	482.2	506.8
32.5°	285.4	314.9	344.9	371.2	393.3	412.9	433.7	453.8	476.4	501.9	531.4
30°	293.9	324.0	354.2	379.9	401.5	422.1	444.7	466.9	493.4	524.1	559.2
27.5°	301.3	332.2	361.6	387.3	409.3	429.8	453.6	481.6	512.0	546.4	587.6
25°	308.3	340.6	368.6	394.1	415.5	437.0	462.4	493.4	529.9	571.4	621.9
22.5°	314.9	348.5	375.7	400.5	420.3	443.6	472.2	505.9	545.6	594.2	655.7
20°	321.1	354.5	381.4	405.6	424.0	449.3	480.9	516.9	562.0	620.0	691.0
17.5°	326.9	359.7	385.8	408.6	428.7	455.4	488.5	525.8	576.2	643.3	723.5
15°	332.2	364.0	389.4	411.0	433.0	461.9	496.5	536.8	591.9	665.6	752.2
12.5°	336.8	367.5	392.1	412.9	436.5	467.1	503.6	548.4	608.8	687.5	788.7
10°	340.8	370.1	394.0	414.2	439.0	471.1	509.5	557.7	622.3	704.4	816.7
7.5°	344.2	372.3	395.3	414.9	440.7	473.9	514.1	564.9	631.7	716.5	837.0
5°	346.6	373.9	396.9	417.3	443.3	476.1	517.4	569.7	637.2	723.7	849.5
2.5°	348.0	375.0	397.9	419.5	446.1	478.0	520.0	575.1	641.7	730.6	859.2
0°	348.4	375.3	398.2	421.2	448.0	478.6	520.8	578.2	643.3	735.2	865.4
-2.5°	348.0	375.0	397.9	419.5	446.1	478.0	520.0	575.1	641.7	730.6	859.2
-5°	346.6	373.9	396.9	417.3	443.3	476.1	517.4	569.7	637.2	723.7	849.5
-7.5°	344.2	372.3	395.3	414.9	440.7	473.9	514.1	564.9	631.7	716.5	837.0
-10°	340.8	370.1	394.0	414.2	439.0	471.1	509.5	557.7	622.3	704.4	816.7
-12.5°	336.8	367.5	392.1	412.9	436.5	467.1	503.6	548.4	608.8	687.5	788.7
-15°	332.2	364.0	389.4	411.0	433.0	461.9	496.5	536.8	591.9	665.6	752.2
-17.5°	326.9	359.7	385.8	408.6	428.7	455.4	488.5	525.8	576.2	643.3	723.5
-20°	321.1	354.5	381.4	405.6	424.0	449.3	480.9	516.9	562.0	620.0	691.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627329 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	314.9	348.5	375.7	400.5	420.3	443.6	472.2	505.9	545.6	594.2	655.7
-25°	308.3	340.6	368.6	394.1	415.5	437.0	462.4	493.4	529.9	571.4	621.9
-27.5°	301.3	332.2	361.6	387.3	409.3	429.8	453.6	481.6	512.0	546.4	587.6
-30°	293.9	324.0	354.2	379.9	401.5	422.1	444.7	466.9	493.4	524.1	559.2
-32.5°	285.4	314.9	344.9	371.2	393.3	412.9	433.7	453.8	476.4	501.9	531.4
-35°	275.3	304.4	334.0	362.2	384.8	402.9	421.5	440.7	459.6	482.2	506.8
-37.5°	264.0	292.7	322.1	351.2	374.7	392.2	408.8	427.1	445.0	462.5	484.1
-40°	252.2	279.8	308.4	337.2	363.0	380.3	396.3	412.9	429.9	445.9	462.5
-42.5°	239.8	266.2	293.2	322.1	347.8	367.8	382.9	398.3	413.8	428.5	443.4
-45°	227.5	252.0	276.9	304.8	331.4	353.6	369.8	382.8	397.1	410.9	424.2
-47.5°	215.0	237.6	261.1	287.1	313.5	336.6	355.6	368.6	380.2	393.0	405.4
-50°	202.2	223.7	245.5	269.9	294.3	318.2	338.3	352.5	364.0	374.9	386.2
-52.5°	189.1	209.7	230.3	252.5	275.3	297.8	318.3	333.8	346.0	356.6	367.6
-55°	175.9	195.4	214.3	234.7	256.1	277.2	296.8	313.4	326.9	337.3	349.0
-57.5°	161.7	180.4	197.7	215.9	235.6	255.8	273.4	292.1	306.8	318.1	329.1
-60°	146.6	164.2	180.7	196.9	213.7	231.6	248.4	264.8	281.9	298.2	306.8
-62.5°	131.0	146.5	162.1	177.6	192.5	206.9	222.0	236.8	251.1	265.5	278.2
-65°	114.8	128.5	142.1	156.3	170.8	182.8	195.4	208.6	221.6	234.0	245.8
-67.5°	98.4	111.0	122.7	134.0	146.5	158.0	168.1	178.8	190.3	202.7	213.5
-70°	84.5	93.8	104.2	114.2	123.5	133.4	143.2	151.6	159.7	170.4	181.4
-72.5°	71.0	79.1	87.1	94.9	103.3	111.5	119.5	127.1	134.6	142.4	150.6
-75°	58.3	64.4	71.1	77.8	84.3	90.5	96.7	103.2	109.5	115.5	121.2
-77.5°	46.2	51.3	56.3	61.1	66.0	71.2	76.2	81.1	85.7	90.1	94.3
-80°	34.6	38.1	42.1	46.0	49.3	52.6	56.1	59.7	63.4	66.9	70.2
-82.5°	24.1	26.7	29.3	31.8	33.5	34.9	36.2	38.2	41.6	44.8	47.8
-85°	14.1	15.3	17.0	18.7	20.1	21.3	22.4	23.3	24.8	26.5	28.2
-87.5°	7.1	7.6	8.2	8.8	9.3	9.8	10.3	10.8	11.3	11.7	12.1
-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: P627329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	12.5	12.9	13.2	13.6	13.9	14.1	14.4	14.6	14.8	14.0	13.2
85°	29.9	31.1	32.1	33.1	34.0	34.8	35.5	36.2	36.7	36.3	35.7
82.5°	50.4	52.5	54.3	56.0	57.5	58.9	60.2	61.4	62.3	62.3	62.0
80°	73.4	76.7	80.0	83.3	86.5	88.4	89.8	90.9	91.6	91.9	92.0
77.5°	98.6	103.7	109.0	114.2	119.3	122.3	124.4	126.1	127.5	127.8	127.6
75°	126.6	133.2	140.4	146.7	152.2	155.5	157.9	159.9	161.5	161.9	161.7
72.5°	159.2	167.2	173.7	179.0	183.7	187.3	190.2	192.7	194.7	195.6	195.7
70°	191.1	199.1	205.3	210.7	215.2	219.0	222.5	225.5	228.0	229.8	231.2
67.5°	223.5	232.7	239.0	243.9	247.7	251.7	256.4	260.4	263.8	266.1	267.2
65°	256.8	266.2	272.3	277.7	282.4	287.4	292.6	296.4	299.0	300.5	301.5
62.5°	289.0	297.8	305.5	312.6	319.4	325.1	328.7	331.9	334.6	336.9	338.6
60°	316.7	327.9	336.5	343.3	350.0	356.5	360.8	364.3	367.0	369.0	370.3
57.5°	340.3	351.7	361.8	368.5	375.7	383.4	388.5	391.4	394.1	396.5	397.5
55°	361.0	371.5	380.8	389.9	398.0	405.0	410.4	414.3	417.6	420.3	421.1
52.5°	379.6	391.0	402.0	411.6	419.6	426.2	431.6	436.5	440.2	442.7	443.8
50°	399.1	411.4	423.2	433.7	441.9	449.3	456.0	461.7	467.2	471.6	474.7
47.5°	418.3	431.4	444.4	456.0	465.8	476.6	486.3	494.5	502.5	509.0	513.5
45°	437.6	452.8	466.9	481.9	495.2	509.3	522.5	533.8	545.4	554.2	560.1
42.5°	459.1	476.4	493.4	512.0	530.1	548.5	568.4	586.2	599.9	612.7	623.1
40°	482.2	501.9	524.1	546.9	573.6	597.9	624.7	647.6	668.4	690.3	707.8
37.5°	506.8	531.4	560.5	591.0	625.7	658.9	693.8	728.2	758.1	793.4	820.4
35°	533.9	566.9	602.7	643.9	687.1	734.7	782.5	837.6	885.1	937.4	982.9
32.5°	566.1	605.4	652.4	706.9	762.3	834.6	902.1	989.9	1065.9	1148.8	1232.2
30°	599.1	650.6	711.3	779.8	867.9	967.3	1078.1	1208.7	1343.4	1473.8	1630.9
27.5°	640.1	702.2	775.7	875.9	1005.5	1139.8	1330.3	1526.4	1774.0	1978.8	2267.5
25°	682.8	755.8	860.2	996.4	1165.6	1398.8	1687.9	2001.3	2436.9	2819.5	3268.3
22.5°	729.1	827.7	957.6	1125.7	1382.3	1740.2	2178.0	2768.0	3410.5	4092.5	4771.0
20°	777.4	896.7	1066.9	1310.7	1662.8	2147.5	2899.1	3809.8	4727.6	5853.0	6849.6
17.5°	833.3	985.1	1194.9	1499.7	1969.6	2712.1	3754.8	5026.2	6450.1	8068.3	9505.0
15°	879.8	1061.0	1325.8	1752.1	2398.4	3352.0	4666.9	6416.0	8555.6	10728.9	12933.8
12.5°	933.9	1143.4	1454.4	1962.8	2774.5	4041.8	5831.6	8045.4	10717.6	13732.0	17285.6
10°	982.0	1224.4	1611.0	2240.4	3232.2	4761.3	6933.4	9596.8	13045.3	17382.3	22885.2
7.5°	1017.6	1288.8	1731.9	2451.6	3628.0	5453.0	7974.3	11295.7	15677.6	21404.5	28956.9
5°	1040.7	1335.5	1817.4	2614.5	3937.7	5967.8	8737.2	12500.6	17787.1	25886.9	38675.8
2.5°	1054.5	1363.1	1866.2	2710.1	4126.1	6308.8	9317.6	13411.7	19154.2	28656.9	44926.8
0°	1060.7	1370.8	1895.4	2760.8	4189.0	6440.6	9584.3	13826.9	19765.8	29304.1	46025.9
-2.5°	1054.5	1363.1	1866.2	2710.1	4126.1	6308.8	9317.6	13411.7	19154.2	28656.9	44926.8
-5°	1040.7	1335.5	1817.4	2614.5	3937.7	5967.8	8737.2	12500.6	17787.1	25886.9	38675.8
-7.5°	1017.6	1288.8	1731.9	2451.6	3628.0	5453.0	7974.3	11295.7	15677.6	21404.5	28956.9
-10°	982.0	1224.4	1611.0	2240.4	3232.2	4761.3	6933.4	9596.8	13045.3	17382.3	22885.2
-12.5°	933.9	1143.4	1454.4	1962.8	2774.5	4041.8	5831.6	8045.4	10717.6	13732.0	17285.6
-15°	879.8	1061.0	1325.8	1752.1	2398.4	3352.0	4666.9	6416.0	8555.6	10728.9	12933.8
-17.5°	833.3	985.1	1194.9	1499.7	1969.6	2712.1	3754.8	5026.2	6450.1	8068.3	9505.0
-20°	777.4	896.7	1066.9	1310.7	1662.8	2147.5	2899.1	3809.8	4727.6	5853.0	6849.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627329 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	729.1	827.7	957.6	1125.7	1382.3	1740.2	2178.0	2768.0	3410.5	4092.5	4771.0
-25°	682.8	755.8	860.2	996.4	1165.6	1398.8	1687.9	2001.3	2436.9	2819.5	3268.3
-27.5°	640.1	702.2	775.7	875.9	1005.5	1139.8	1330.3	1526.4	1774.0	1978.8	2267.5
-30°	599.1	650.6	711.3	779.8	867.9	967.3	1078.1	1208.7	1343.4	1473.8	1630.9
-32.5°	566.1	605.4	652.4	706.9	762.3	834.6	902.1	989.9	1065.9	1148.8	1232.2
-35°	533.9	566.9	602.7	643.9	687.1	734.7	782.5	837.6	885.1	937.4	982.9
-37.5°	506.8	531.4	560.5	591.0	625.7	658.9	693.8	728.2	758.1	793.4	820.4
-40°	482.2	501.9	524.1	546.9	573.6	597.9	624.7	647.6	668.4	690.3	707.8
-42.5°	459.1	476.4	493.4	512.0	530.1	548.5	568.4	586.2	599.9	612.7	623.1
-45°	437.6	452.8	466.9	481.9	495.2	509.3	522.5	533.8	545.4	554.2	560.1
-47.5°	418.3	431.4	444.4	456.0	465.8	476.6	486.3	494.5	502.5	509.0	513.5
-50°	399.1	411.4	423.2	433.7	441.9	449.3	456.0	461.7	467.2	471.6	474.7
-52.5°	379.6	391.0	402.0	411.6	419.6	426.2	431.6	436.5	440.2	442.7	443.8
-55°	361.0	371.5	380.8	389.9	398.0	405.0	410.4	414.3	417.6	420.3	421.1
-57.5°	340.3	351.7	361.8	368.5	375.7	383.4	388.5	391.4	394.1	396.5	397.5
-60°	316.7	327.9	336.5	343.3	350.0	356.5	360.8	364.3	367.0	369.0	370.3
-62.5°	289.0	297.8	305.5	312.6	319.4	325.1	328.7	331.9	334.6	336.9	338.6
-65°	256.8	266.2	272.3	277.7	282.4	287.4	292.6	296.4	299.0	300.5	301.5
-67.5°	223.5	232.7	239.0	243.9	247.7	251.7	256.4	260.4	263.8	266.1	267.2
-70°	191.1	199.1	205.3	210.7	215.2	219.0	222.5	225.5	228.0	229.8	231.2
-72.5°	159.2	167.2	173.7	179.0	183.7	187.3	190.2	192.7	194.7	195.6	195.7
-75°	126.6	133.2	140.4	146.7	152.2	155.5	157.9	159.9	161.5	161.9	161.7
-77.5°	98.6	103.7	109.0	114.2	119.3	122.3	124.4	126.1	127.5	127.8	127.6
-80°	73.4	76.7	80.0	83.3	86.5	88.4	89.8	90.9	91.6	91.9	92.0
-82.5°	50.4	52.5	54.3	56.0	57.5	58.9	60.2	61.4	62.3	62.3	62.0
-85°	29.9	31.1	32.1	33.1	34.0	34.8	35.5	36.2	36.7	36.3	35.7
-87.5°	12.5	12.9	13.2	13.6	13.9	14.1	14.4	14.6	14.8	14.0	13.2
-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: P627329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	12.3	11.5	11.5	11.5	11.5	11.5	12.3	13.2	14.0	14.8	14.6
85°	35.1	34.3	34.5	34.5	34.5	34.3	35.1	35.7	36.3	36.7	36.2
82.5°	61.6	61.0	61.2	61.3	61.2	61.0	61.6	62.0	62.3	62.3	61.4
80°	91.8	91.5	89.9	88.1	89.9	91.5	91.8	92.0	91.9	91.6	90.9
77.5°	126.9	125.8	124.3	122.5	124.3	125.8	126.9	127.6	127.8	127.5	126.1
75°	161.1	160.1	160.6	160.8	160.6	160.1	161.1	161.7	161.9	161.5	159.9
72.5°	195.3	194.5	195.1	195.3	195.1	194.5	195.3	195.7	195.6	194.7	192.7
70°	232.1	232.5	231.5	229.7	231.5	232.5	232.1	231.2	229.8	228.0	225.5
67.5°	267.5	267.1	265.9	264.2	265.9	267.1	267.5	267.2	266.1	263.8	260.4
65°	301.9	301.5	302.1	302.5	302.1	301.5	301.9	301.5	300.5	299.0	296.4
62.5°	339.5	339.5	338.7	337.0	338.7	339.5	339.5	338.6	336.9	334.6	331.9
60°	370.7	370.5	369.4	367.6	369.4	370.5	370.7	370.3	369.0	367.0	364.3
57.5°	397.8	397.4	396.3	394.4	396.3	397.4	397.8	397.5	396.5	394.1	391.4
55°	421.2	420.6	419.4	417.4	419.4	420.6	421.2	421.1	420.3	417.6	414.3
52.5°	444.1	443.6	443.8	444.2	443.8	443.6	444.1	443.8	442.7	440.2	436.5
50°	476.6	477.3	476.7	474.8	476.7	477.3	476.6	474.7	471.6	467.2	461.7
47.5°	515.6	515.8	514.9	513.1	514.9	515.8	515.6	513.5	509.0	502.5	494.5
45°	564.7	567.5	568.2	566.7	568.2	567.5	564.7	560.1	554.2	545.4	533.8
42.5°	631.2	635.6	636.8	635.6	636.8	635.6	631.2	623.1	612.7	599.9	586.2
40°	718.5	723.4	724.4	723.7	724.4	723.4	718.5	707.8	690.3	668.4	647.6
37.5°	839.3	851.4	857.0	857.7	857.0	851.4	839.3	820.4	793.4	758.1	728.2
35°	1017.5	1041.6	1054.5	1060.7	1054.5	1041.6	1017.5	982.9	937.4	885.1	837.6
32.5°	1295.4	1343.6	1370.3	1367.0	1370.3	1343.6	1295.4	1232.2	1148.8	1065.9	989.9
30°	1749.4	1833.6	1876.0	1864.8	1876.0	1833.6	1749.4	1630.9	1473.8	1343.4	1208.7
27.5°	2474.8	2627.0	2715.0	2703.3	2715.0	2627.0	2474.8	2267.5	1978.8	1774.0	1526.4
25°	3643.5	3921.3	4099.0	4055.0	4099.0	3921.3	3643.5	3268.3	2819.5	2436.9	2001.3
22.5°	5421.4	5891.9	6203.3	6164.9	6203.3	5891.9	5421.4	4771.0	4092.5	3410.5	2768.0
20°	7860.1	8576.3	9087.6	9155.4	9087.6	8576.3	7860.1	6849.6	5853.0	4727.6	3809.8
17.5°	11056.9	12192.4	12982.8	13114.7	12982.8	12192.4	11056.9	9505.0	8068.3	6450.1	5026.2
15°	15211.5	17067.4	18410.5	18521.4	18410.5	17067.4	15211.5	12933.8	10728.9	8555.6	6416.0
12.5°	20852.8	24585.5	27021.7	28094.2	27021.7	24585.5	20852.8	17285.6	13732.0	10717.6	8045.4
10°	28660.1	37234.0	42724.8	44789.1	42724.8	37234.0	28660.1	22885.2	17382.3	13045.3	9596.8
7.5°	41700.6	55161.9	70127.2	76505.6	70127.2	55161.9	41700.6	28956.9	21404.5	15677.6	11295.7
5°	56468.1	84405.5	110979.0	121355.9	110979.0	84405.5	56468.1	38675.8	25886.9	17787.1	12500.6
2.5°	72007.2	110947.9	147438.4	161708.9	147438.4	110947.9	72007.2	44926.8	28656.9	19154.2	13411.7
0°	78075.5	122569.7	162717.9	178719.7	162717.9	122569.7	78075.5	46025.9	29304.1	19765.8	13826.9
-2.5°	72007.2	110947.9	147438.4	161708.9	147438.4	110947.9	72007.2	44926.8	28656.9	19154.2	13411.7
-5°	56468.1	84405.5	110979.0	121355.9	110979.0	84405.5	56468.1	38675.8	25886.9	17787.1	12500.6
-7.5°	41700.6	55161.9	70127.2	76505.6	70127.2	55161.9	41700.6	28956.9	21404.5	15677.6	11295.7
-10°	28660.1	37234.0	42724.8	44789.1	42724.8	37234.0	28660.1	22885.2	17382.3	13045.3	9596.8
-12.5°	20852.8	24585.5	27021.7	28094.2	27021.7	24585.5	20852.8	17285.6	13732.0	10717.6	8045.4
-15°	15211.5	17067.4	18410.5	18521.4	18410.5	17067.4	15211.5	12933.8	10728.9	8555.6	6416.0
-17.5°	11056.9	12192.4	12982.8	13114.7	12982.8	12192.4	11056.9	9505.0	8068.3	6450.1	5026.2
-20°	7860.1	8576.3	9087.6	9155.4	9087.6	8576.3	7860.1	6849.6	5853.0	4727.6	3809.8



REPORT NUMBER: P627329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	5421.4	5891.9	6203.3	6164.9	6203.3	5891.9	5421.4	4771.0	4092.5	3410.5	2768.0
-25°	3643.5	3921.3	4099.0	4055.0	4099.0	3921.3	3643.5	3268.3	2819.5	2436.9	2001.3
-27.5°	2474.8	2627.0	2715.0	2703.3	2715.0	2627.0	2474.8	2267.5	1978.8	1774.0	1526.4
-30°	1749.4	1833.6	1876.0	1864.8	1876.0	1833.6	1749.4	1630.9	1473.8	1343.4	1208.7
-32.5°	1295.4	1343.6	1370.3	1367.0	1370.3	1343.6	1295.4	1232.2	1148.8	1065.9	989.9
-35°	1017.5	1041.6	1054.5	1060.7	1054.5	1041.6	1017.5	982.9	937.4	885.1	837.6
-37.5°	839.3	851.4	857.0	857.7	857.0	851.4	839.3	820.4	793.4	758.1	728.2
-40°	718.5	723.4	724.4	723.7	724.4	723.4	718.5	707.8	690.3	668.4	647.6
-42.5°	631.2	635.6	636.8	635.6	636.8	635.6	631.2	623.1	612.7	599.9	586.2
-45°	564.7	567.5	568.2	566.7	568.2	567.5	564.7	560.1	554.2	545.4	533.8
-47.5°	515.6	515.8	514.9	513.1	514.9	515.8	515.6	513.5	509.0	502.5	494.5
-50°	476.6	477.3	476.7	474.8	476.7	477.3	476.6	474.7	471.6	467.2	461.7
-52.5°	444.1	443.6	443.8	444.2	443.8	443.6	444.1	443.8	442.7	440.2	436.5
-55°	421.2	420.6	419.4	417.4	419.4	420.6	421.2	421.1	420.3	417.6	414.3
-57.5°	397.8	397.4	396.3	394.4	396.3	397.4	397.8	397.5	396.5	394.1	391.4
-60°	370.7	370.5	369.4	367.6	369.4	370.5	370.7	370.3	369.0	367.0	364.3
-62.5°	339.5	339.5	338.7	337.0	338.7	339.5	339.5	338.6	336.9	334.6	331.9
-65°	301.9	301.5	302.1	302.5	302.1	301.5	301.9	301.5	300.5	299.0	296.4
-67.5°	267.5	267.1	265.9	264.2	265.9	267.1	267.5	267.2	266.1	263.8	260.4
-70°	232.1	232.5	231.5	229.7	231.5	232.5	232.1	231.2	229.8	228.0	225.5
-72.5°	195.3	194.5	195.1	195.3	195.1	194.5	195.3	195.7	195.6	194.7	192.7
-75°	161.1	160.1	160.6	160.8	160.6	160.1	161.1	161.7	161.9	161.5	159.9
-77.5°	126.9	125.8	124.3	122.5	124.3	125.8	126.9	127.6	127.8	127.5	126.1
-80°	91.8	91.5	89.9	88.1	89.9	91.5	91.8	92.0	91.9	91.6	90.9
-82.5°	61.6	61.0	61.2	61.3	61.2	61.0	61.6	62.0	62.3	62.3	61.4
-85°	35.1	34.3	34.5	34.5	34.5	34.3	35.1	35.7	36.3	36.7	36.2
-87.5°	12.3	11.5	11.5	11.5	11.5	11.5	12.3	13.2	14.0	14.8	14.6
-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: P627329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	14.4	14.1	13.9	13.6	13.2	12.9	12.5	12.1	11.7	11.3	10.8
85°	35.5	34.8	34.0	33.1	32.1	31.1	29.9	28.2	26.5	24.8	23.3
82.5°	60.2	58.9	57.5	56.0	54.3	52.5	50.4	47.8	44.8	41.6	38.2
80°	89.8	88.4	86.5	83.3	80.0	76.7	73.4	70.2	66.9	63.4	59.7
77.5°	124.4	122.3	119.3	114.2	109.0	103.7	98.6	94.3	90.1	85.7	81.1
75°	157.9	155.5	152.2	146.7	140.4	133.2	126.6	121.2	115.5	109.5	103.2
72.5°	190.2	187.3	183.7	179.0	173.7	167.2	159.2	150.6	142.4	134.6	127.1
70°	222.5	219.0	215.2	210.7	205.3	199.1	191.1	181.4	170.4	159.7	151.6
67.5°	256.4	251.7	247.7	243.9	239.0	232.7	223.5	213.5	202.7	190.3	178.8
65°	292.6	287.4	282.4	277.7	272.3	266.2	256.8	245.8	234.0	221.6	208.6
62.5°	328.7	325.1	319.4	312.6	305.5	297.8	289.0	278.2	265.5	251.1	236.8
60°	360.8	356.5	350.0	343.3	336.5	327.9	316.7	306.8	298.2	281.9	264.8
57.5°	388.5	383.4	375.7	368.5	361.8	351.7	340.3	329.1	318.1	306.8	292.1
55°	410.4	405.0	398.0	389.9	380.8	371.5	361.0	349.0	337.3	326.9	313.4
52.5°	431.6	426.2	419.6	411.6	402.0	391.0	379.6	367.6	356.6	346.0	333.8
50°	456.0	449.3	441.9	433.7	423.2	411.4	399.1	386.2	374.9	364.0	352.5
47.5°	486.3	476.6	465.8	456.0	444.4	431.4	418.3	405.4	393.0	380.2	368.6
45°	522.5	509.3	495.2	481.9	466.9	452.8	437.6	424.2	410.9	397.1	382.8
42.5°	568.4	548.5	530.1	512.0	493.4	476.4	459.1	443.4	428.5	413.8	398.3
40°	624.7	597.9	573.6	546.9	524.1	501.9	482.2	462.5	445.9	429.9	412.9
37.5°	693.8	658.9	625.7	591.0	560.5	531.4	506.8	484.1	462.5	445.0	427.1
35°	782.5	734.7	687.1	643.9	602.7	566.9	533.9	506.8	482.2	459.6	440.7
32.5°	902.1	834.6	762.3	706.9	652.4	605.4	566.1	531.4	501.9	476.4	453.8
30°	1078.1	967.3	867.9	779.8	711.3	650.6	599.1	559.2	524.1	493.4	466.9
27.5°	1330.3	1139.8	1005.5	875.9	775.7	702.2	640.1	587.6	546.4	512.0	481.6
25°	1687.9	1398.8	1165.6	996.4	860.2	755.8	682.8	621.9	571.4	529.9	493.4
22.5°	2178.0	1740.2	1382.3	1125.7	957.6	827.7	729.1	655.7	594.2	545.6	505.9
20°	2899.1	2147.5	1662.8	1310.7	1066.9	896.7	777.4	691.0	620.0	562.0	516.9
17.5°	3754.8	2712.1	1969.6	1499.7	1194.9	985.1	833.3	723.5	643.3	576.2	525.8
15°	4666.9	3352.0	2398.4	1752.1	1325.8	1061.0	879.8	752.2	665.6	591.9	536.8
12.5°	5831.6	4041.8	2774.5	1962.8	1454.4	1143.4	933.9	788.7	687.5	608.8	548.4
10°	6933.4	4761.3	3232.2	2240.4	1611.0	1224.4	982.0	816.7	704.4	622.3	557.7
7.5°	7974.3	5453.0	3628.0	2451.6	1731.9	1288.8	1017.6	837.0	716.5	631.7	564.9
5°	8737.2	5967.8	3937.7	2614.5	1817.4	1335.5	1040.7	849.5	723.7	637.2	569.7
2.5°	9317.6	6308.8	4126.1	2710.1	1866.2	1363.1	1054.5	859.2	730.6	641.7	575.1
0°	9584.3	6440.6	4189.0	2760.8	1895.4	1370.8	1060.7	865.4	735.2	643.3	578.2
-2.5°	9317.6	6308.8	4126.1	2710.1	1866.2	1363.1	1054.5	859.2	730.6	641.7	575.1
-5°	8737.2	5967.8	3937.7	2614.5	1817.4	1335.5	1040.7	849.5	723.7	637.2	569.7
-7.5°	7974.3	5453.0	3628.0	2451.6	1731.9	1288.8	1017.6	837.0	716.5	631.7	564.9
-10°	6933.4	4761.3	3232.2	2240.4	1611.0	1224.4	982.0	816.7	704.4	622.3	557.7
-12.5°	5831.6	4041.8	2774.5	1962.8	1454.4	1143.4	933.9	788.7	687.5	608.8	548.4
-15°	4666.9	3352.0	2398.4	1752.1	1325.8	1061.0	879.8	752.2	665.6	591.9	536.8
-17.5°	3754.8	2712.1	1969.6	1499.7	1194.9	985.1	833.3	723.5	643.3	576.2	525.8
-20°	2899.1	2147.5	1662.8	1310.7	1066.9	896.7	777.4	691.0	620.0	562.0	516.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627329 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-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°	2178.0	1740.2	1382.3	1125.7	957.6	827.7	729.1	655.7	594.2	545.6	505.9
-25°	1687.9	1398.8	1165.6	996.4	860.2	755.8	682.8	621.9	571.4	529.9	493.4
-27.5°	1330.3	1139.8	1005.5	875.9	775.7	702.2	640.1	587.6	546.4	512.0	481.6
-30°	1078.1	967.3	867.9	779.8	711.3	650.6	599.1	559.2	524.1	493.4	466.9
-32.5°	902.1	834.6	762.3	706.9	652.4	605.4	566.1	531.4	501.9	476.4	453.8
-35°	782.5	734.7	687.1	643.9	602.7	566.9	533.9	506.8	482.2	459.6	440.7
-37.5°	693.8	658.9	625.7	591.0	560.5	531.4	506.8	484.1	462.5	445.0	427.1
-40°	624.7	597.9	573.6	546.9	524.1	501.9	482.2	462.5	445.9	429.9	412.9
-42.5°	568.4	548.5	530.1	512.0	493.4	476.4	459.1	443.4	428.5	413.8	398.3
-45°	522.5	509.3	495.2	481.9	466.9	452.8	437.6	424.2	410.9	397.1	382.8
-47.5°	486.3	476.6	465.8	456.0	444.4	431.4	418.3	405.4	393.0	380.2	368.6
-50°	456.0	449.3	441.9	433.7	423.2	411.4	399.1	386.2	374.9	364.0	352.5
-52.5°	431.6	426.2	419.6	411.6	402.0	391.0	379.6	367.6	356.6	346.0	333.8
-55°	410.4	405.0	398.0	389.9	380.8	371.5	361.0	349.0	337.3	326.9	313.4
-57.5°	388.5	383.4	375.7	368.5	361.8	351.7	340.3	329.1	318.1	306.8	292.1
-60°	360.8	356.5	350.0	343.3	336.5	327.9	316.7	306.8	298.2	281.9	264.8
-62.5°	328.7	325.1	319.4	312.6	305.5	297.8	289.0	278.2	265.5	251.1	236.8
-65°	292.6	287.4	282.4	277.7	272.3	266.2	256.8	245.8	234.0	221.6	208.6
-67.5°	256.4	251.7	247.7	243.9	239.0	232.7	223.5	213.5	202.7	190.3	178.8
-70°	222.5	219.0	215.2	210.7	205.3	199.1	191.1	181.4	170.4	159.7	151.6
-72.5°	190.2	187.3	183.7	179.0	173.7	167.2	159.2	150.6	142.4	134.6	127.1
-75°	157.9	155.5	152.2	146.7	140.4	133.2	126.6	121.2	115.5	109.5	103.2
-77.5°	124.4	122.3	119.3	114.2	109.0	103.7	98.6	94.3	90.1	85.7	81.1
-80°	89.8	88.4	86.5	83.3	80.0	76.7	73.4	70.2	66.9	63.4	59.7
-82.5°	60.2	58.9	57.5	56.0	54.3	52.5	50.4	47.8	44.8	41.6	38.2
-85°	35.5	34.8	34.0	33.1	32.1	31.1	29.9	28.2	26.5	24.8	23.3
-87.5°	14.4	14.1	13.9	13.6	13.2	12.9	12.5	12.1	11.7	11.3	10.8
-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: P627329 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	10.3	9.8	9.3	8.8	8.2	7.6	7.1	6.5	5.9	5.2	4.6
85°	22.4	21.3	20.1	18.7	17.0	15.3	14.1	12.9	11.7	10.5	9.2
82.5°	36.2	34.9	33.5	31.8	29.3	26.7	24.1	21.4	18.6	15.8	13.8
80°	56.1	52.6	49.3	46.0	42.1	38.1	34.6	31.0	27.4	23.6	19.8
77.5°	76.2	71.2	66.0	61.1	56.3	51.3	46.2	41.0	36.0	31.4	26.6
75°	96.7	90.5	84.3	77.8	71.1	64.4	58.3	52.0	45.6	39.1	33.4
72.5°	119.5	111.5	103.3	94.9	87.1	79.1	71.0	63.0	55.5	48.0	40.3
70°	143.2	133.4	123.5	114.2	104.2	93.8	84.5	75.0	65.4	56.7	48.0
67.5°	168.1	158.0	146.5	134.0	122.7	111.0	98.4	87.2	76.4	65.4	55.5
65°	195.4	182.8	170.8	156.3	142.1	128.5	114.8	100.0	87.2	75.0	63.0
62.5°	222.0	206.9	192.5	177.6	162.1	146.5	131.0	114.4	98.3	84.5	71.0
60°	248.4	231.6	213.7	196.9	180.7	164.2	146.6	128.4	110.7	93.8	79.1
57.5°	273.4	255.8	235.6	215.9	197.7	180.4	161.7	141.9	122.7	104.0	87.1
55°	296.8	277.2	256.1	234.7	214.3	195.4	175.9	154.9	134.2	114.1	94.7
52.5°	318.3	297.8	275.3	252.5	230.3	209.7	189.1	167.4	145.3	123.9	102.9
50°	338.3	318.2	294.3	269.9	245.5	223.7	202.2	179.4	155.9	133.2	111.0
47.5°	355.6	336.6	313.5	287.1	261.1	237.6	215.0	191.1	166.0	142.1	118.7
45°	369.8	353.6	331.4	304.8	276.9	252.0	227.5	202.5	176.3	150.6	126.2
42.5°	382.9	367.8	347.8	322.1	293.2	266.2	239.8	213.6	186.3	158.8	133.3
40°	396.3	380.3	363.0	337.2	308.4	279.8	252.2	224.5	195.9	166.8	140.1
37.5°	408.8	392.2	374.7	351.2	322.1	292.7	264.0	235.0	204.9	174.8	146.6
35°	421.5	402.9	384.8	362.2	334.0	304.4	275.3	245.1	213.4	182.3	152.7
32.5°	433.7	412.9	393.3	371.2	344.9	314.9	285.4	253.9	221.4	189.1	158.3
30°	444.7	422.1	401.5	379.9	354.2	324.0	293.9	261.9	228.8	195.4	163.7
27.5°	453.6	429.8	409.3	387.3	361.6	332.2	301.3	269.0	235.6	201.2	168.8
25°	462.4	437.0	415.5	394.1	368.6	340.6	308.3	275.4	241.6	206.7	173.4
22.5°	472.2	443.6	420.3	400.5	375.7	348.5	314.9	280.9	246.8	211.6	177.4
20°	480.9	449.3	424.0	405.6	381.4	354.5	321.1	285.9	251.2	216.0	181.0
17.5°	488.5	455.4	428.7	408.6	385.8	359.7	326.9	290.3	255.0	219.8	184.1
15°	496.5	461.9	433.0	411.0	389.4	364.0	332.2	294.1	258.1	223.0	186.8
12.5°	503.6	467.1	436.5	412.9	392.1	367.5	336.8	297.3	260.4	225.7	189.3
10°	509.5	471.1	439.0	414.2	394.0	370.1	340.8	300.3	262.9	227.8	191.4
7.5°	514.1	473.9	440.7	414.9	395.3	372.3	344.2	303.9	265.1	229.2	193.0
5°	517.4	476.1	443.3	417.3	396.9	373.9	346.6	306.7	266.7	230.0	194.3
2.5°	520.0	478.0	446.1	419.5	397.9	375.0	348.0	308.9	267.7	230.1	195.0
0°	520.8	478.6	448.0	421.2	398.2	375.3	348.4	310.2	268.0	229.7	195.3
-2.5°	520.0	478.0	446.1	419.5	397.9	375.0	348.0	308.9	267.7	230.1	195.0
-5°	517.4	476.1	443.3	417.3	396.9	373.9	346.6	306.7	266.7	230.0	194.3
-7.5°	514.1	473.9	440.7	414.9	395.3	372.3	344.2	303.9	265.1	229.2	193.0
-10°	509.5	471.1	439.0	414.2	394.0	370.1	340.8	300.3	262.9	227.8	191.4
-12.5°	503.6	467.1	436.5	412.9	392.1	367.5	336.8	297.3	260.4	225.7	189.3
-15°	496.5	461.9	433.0	411.0	389.4	364.0	332.2	294.1	258.1	223.0	186.8
-17.5°	488.5	455.4	428.7	408.6	385.8	359.7	326.9	290.3	255.0	219.8	184.1
-20°	480.9	449.3	424.0	405.6	381.4	354.5	321.1	285.9	251.2	216.0	181.0



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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°	472.2	443.6	420.3	400.5	375.7	348.5	314.9	280.9	246.8	211.6	177.4
-25°	462.4	437.0	415.5	394.1	368.6	340.6	308.3	275.4	241.6	206.7	173.4
-27.5°	453.6	429.8	409.3	387.3	361.6	332.2	301.3	269.0	235.6	201.2	168.8
-30°	444.7	422.1	401.5	379.9	354.2	324.0	293.9	261.9	228.8	195.4	163.7
-32.5°	433.7	412.9	393.3	371.2	344.9	314.9	285.4	253.9	221.4	189.1	158.3
-35°	421.5	402.9	384.8	362.2	334.0	304.4	275.3	245.1	213.4	182.3	152.7
-37.5°	408.8	392.2	374.7	351.2	322.1	292.7	264.0	235.0	204.9	174.8	146.6
-40°	396.3	380.3	363.0	337.2	308.4	279.8	252.2	224.5	195.9	166.8	140.1
-42.5°	382.9	367.8	347.8	322.1	293.2	266.2	239.8	213.6	186.3	158.8	133.3
-45°	369.8	353.6	331.4	304.8	276.9	252.0	227.5	202.5	176.3	150.6	126.2
-47.5°	355.6	336.6	313.5	287.1	261.1	237.6	215.0	191.1	166.0	142.1	118.7
-50°	338.3	318.2	294.3	269.9	245.5	223.7	202.2	179.4	155.9	133.2	111.0
-52.5°	318.3	297.8	275.3	252.5	230.3	209.7	189.1	167.4	145.3	123.9	102.9
-55°	296.8	277.2	256.1	234.7	214.3	195.4	175.9	154.9	134.2	114.1	94.7
-57.5°	273.4	255.8	235.6	215.9	197.7	180.4	161.7	141.9	122.7	104.0	87.1
-60°	248.4	231.6	213.7	196.9	180.7	164.2	146.6	128.4	110.7	93.8	79.1
-62.5°	222.0	206.9	192.5	177.6	162.1	146.5	131.0	114.4	98.3	84.5	71.0
-65°	195.4	182.8	170.8	156.3	142.1	128.5	114.8	100.0	87.2	75.0	63.0
-67.5°	168.1	158.0	146.5	134.0	122.7	111.0	98.4	87.2	76.4	65.4	55.5
-70°	143.2	133.4	123.5	114.2	104.2	93.8	84.5	75.0	65.4	56.7	48.0
-72.5°	119.5	111.5	103.3	94.9	87.1	79.1	71.0	63.0	55.5	48.0	40.3
-75°	96.7	90.5	84.3	77.8	71.1	64.4	58.3	52.0	45.6	39.1	33.4
-77.5°	76.2	71.2	66.0	61.1	56.3	51.3	46.2	41.0	36.0	31.4	26.6
-80°	56.1	52.6	49.3	46.0	42.1	38.1	34.6	31.0	27.4	23.6	19.8
-82.5°	36.2	34.9	33.5	31.8	29.3	26.7	24.1	21.4	18.6	15.8	13.8
-85°	22.4	21.3	20.1	18.7	17.0	15.3	14.1	12.9	11.7	10.5	9.2
-87.5°	10.3	9.8	9.3	8.8	8.2	7.6	7.1	6.5	5.9	5.2	4.6
-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°	4.0	3.3	2.7	2.0	1.3	0.6	0.0
85°	7.9	6.6	5.3	4.0	2.7	1.2	0.0
82.5°	11.8	9.9	7.9	6.0	4.0	1.7	0.0
80°	16.0	13.2	10.6	7.9	5.3	2.3	0.0
77.5°	21.8	16.9	13.2	9.9	6.6	2.9	0.0
75°	27.5	21.5	15.9	11.8	7.8	3.5	0.0
72.5°	33.2	26.1	19.4	13.8	9.1	4.0	0.0
70°	38.8	30.5	22.9	15.8	10.3	4.5	0.0
67.5°	45.2	34.8	26.2	18.2	11.5	5.1	0.0
65°	51.5	39.6	29.5	20.6	12.6	5.6	0.0
62.5°	57.7	44.7	32.7	22.9	13.7	6.1	0.0
60°	63.7	49.7	35.7	25.1	14.8	6.6	0.0
57.5°	70.3	54.6	39.6	27.3	16.2	7.0	0.0
55°	76.8	59.4	43.4	29.4	17.5	7.5	0.0
52.5°	83.1	64.1	47.1	31.4	18.8	7.9	0.0
50°	89.2	69.1	50.6	33.3	20.1	8.3	0.0
47.5°	95.2	74.0	54.0	35.3	21.4	8.7	0.0
45°	101.6	78.7	57.3	37.8	22.6	9.1	0.0
42.5°	107.7	83.2	60.4	40.1	23.7	9.4	0.0
40°	113.5	87.5	63.6	42.4	24.9	9.7	0.0
37.5°	119.0	91.5	66.9	44.6	25.9	10.0	0.0
35°	124.2	95.7	69.9	46.7	27.0	10.3	0.0
32.5°	129.1	99.7	72.7	48.7	27.9	10.6	0.0
30°	133.6	103.5	75.4	50.5	28.8	10.8	0.0
27.5°	137.8	107.0	78.0	52.2	29.7	11.0	0.0
25°	141.6	110.1	80.3	53.7	30.5	11.2	0.0
22.5°	145.1	113.0	82.5	55.1	31.2	11.3	0.0
20°	148.2	115.5	84.4	56.4	31.9	11.4	0.0
17.5°	150.7	117.6	86.2	57.6	32.5	11.5	0.0
15°	152.8	119.3	87.7	58.5	33.0	11.6	0.0
12.5°	154.5	120.7	89.0	59.4	33.4	11.6	0.0
10°	155.8	121.7	90.0	60.1	33.8	11.7	0.0
7.5°	156.7	122.4	90.8	60.6	34.1	11.6	0.0
5°	157.2	122.8	91.4	61.0	34.3	11.6	0.0
2.5°	157.3	122.8	91.8	61.2	34.5	11.6	0.0
0°	157.0	122.5	91.9	61.3	34.5	11.5	0.0
-2.5°	157.3	122.8	91.8	61.2	34.5	11.6	0.0
-5°	157.2	122.8	91.4	61.0	34.3	11.6	0.0
-7.5°	156.7	122.4	90.8	60.6	34.1	11.6	0.0
-10°	155.8	121.7	90.0	60.1	33.8	11.7	0.0
-12.5°	154.5	120.7	89.0	59.4	33.4	11.6	0.0
-15°	152.8	119.3	87.7	58.5	33.0	11.6	0.0
-17.5°	150.7	117.6	86.2	57.6	32.5	11.5	0.0
-20°	148.2	115.5	84.4	56.4	31.9	11.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	145.1	113.0	82.5	55.1	31.2	11.3	0.0
-25°	141.6	110.1	80.3	53.7	30.5	11.2	0.0
-27.5°	137.8	107.0	78.0	52.2	29.7	11.0	0.0
-30°	133.6	103.5	75.4	50.5	28.8	10.8	0.0
-32.5°	129.1	99.7	72.7	48.7	27.9	10.6	0.0
-35°	124.2	95.7	69.9	46.7	27.0	10.3	0.0
-37.5°	119.0	91.5	66.9	44.6	25.9	10.0	0.0
-40°	113.5	87.5	63.6	42.4	24.9	9.7	0.0
-42.5°	107.7	83.2	60.4	40.1	23.7	9.4	0.0
-45°	101.6	78.7	57.3	37.8	22.6	9.1	0.0
-47.5°	95.2	74.0	54.0	35.3	21.4	8.7	0.0
-50°	89.2	69.1	50.6	33.3	20.1	8.3	0.0
-52.5°	83.1	64.1	47.1	31.4	18.8	7.9	0.0
-55°	76.8	59.4	43.4	29.4	17.5	7.5	0.0
-57.5°	70.3	54.6	39.6	27.3	16.2	7.0	0.0
-60°	63.7	49.7	35.7	25.1	14.8	6.6	0.0
-62.5°	57.7	44.7	32.7	22.9	13.7	6.1	0.0
-65°	51.5	39.6	29.5	20.6	12.6	5.6	0.0
-67.5°	45.2	34.8	26.2	18.2	11.5	5.1	0.0
-70°	38.8	30.5	22.9	15.8	10.3	4.5	0.0
-72.5°	33.2	26.1	19.4	13.8	9.1	4.0	0.0
-75°	27.5	21.5	15.9	11.8	7.8	3.5	0.0
-77.5°	21.8	16.9	13.2	9.9	6.6	2.9	0.0
-80°	16.0	13.2	10.6	7.9	5.3	2.3	0.0
-82.5°	11.8	9.9	7.9	6.0	4.0	1.7	0.0
-85°	7.9	6.6	5.3	4.0	2.7	1.2	0.0
-87.5°	4.0	3.3	2.7	2.0	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)