

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: P627988 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-730-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627988 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-730-U-NR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

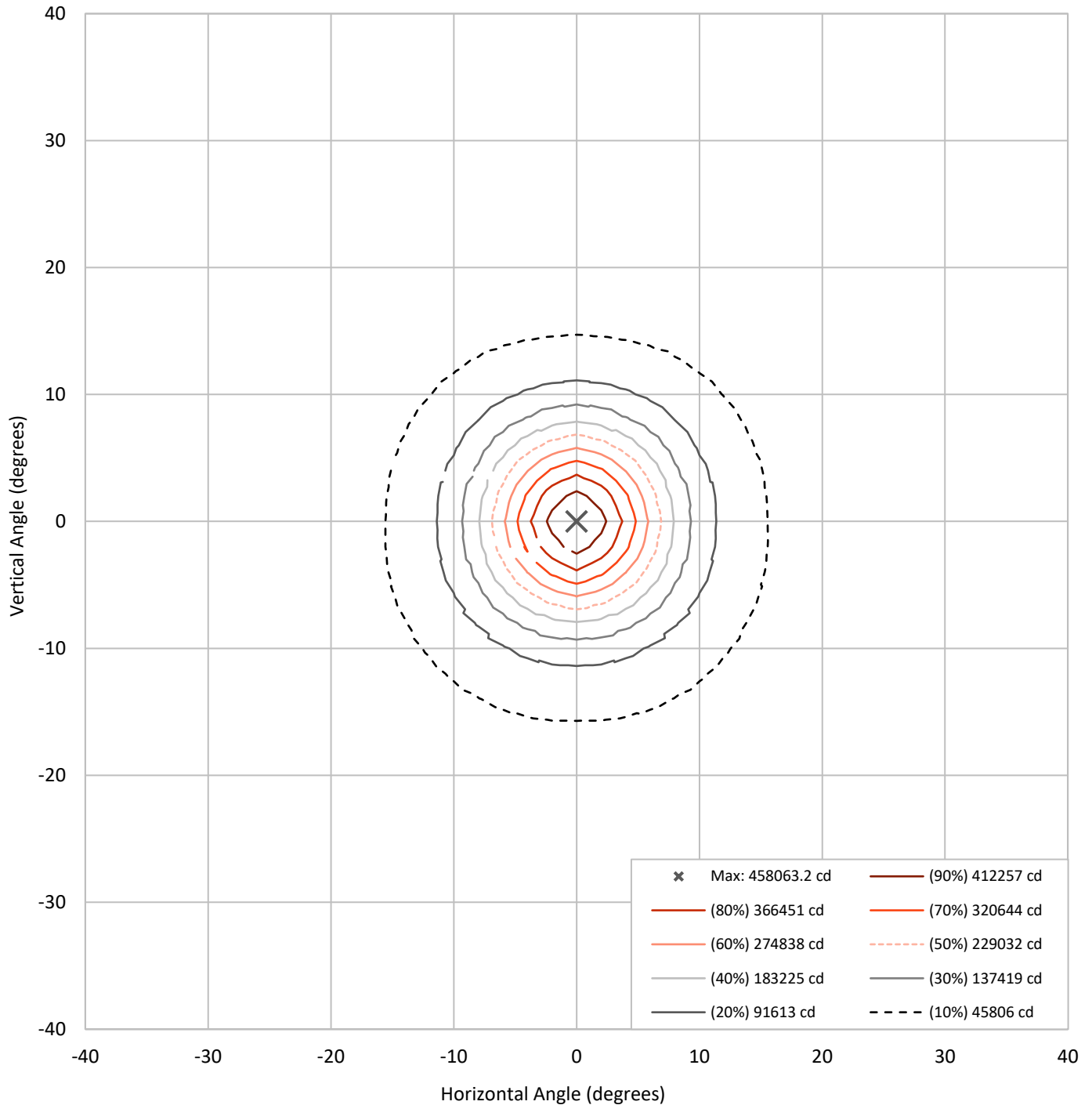
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	45188.8 lumens	Max Intensity:	458063.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	14426.3 lumens	Field Lumens:	32132.1 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	376.7		
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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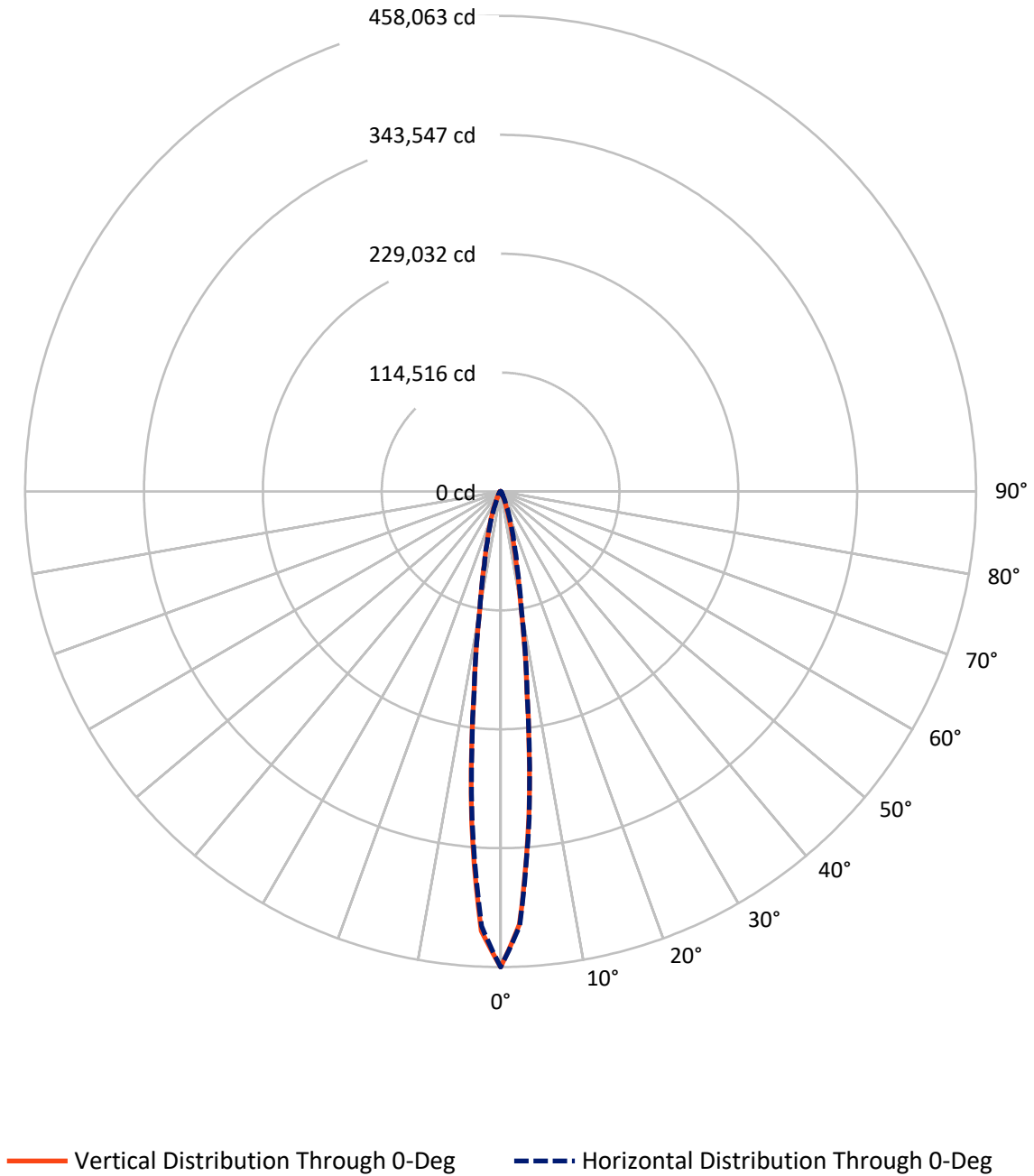
CATALOG NUMBER: GFLD-SA6E-730-U-NR-VSR-XX

Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
70	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	
60		0.1	0.3	1.1	2.5	4.0	5.4	6.4	6.4	5.4	4.0	2.5	1.1	0.3	0.1	0.1	0.1		
50	0.2	0.3	1.3	3.9	7.4	10.8	15.2	18.0	18.0	15.2	10.8	7.4	3.9	1.3	0.3	0.3	0.3	0.2	
40		0.7	3.2	7.7	13.7	21.6	36.7	46.8	46.8	36.7	21.6	13.7	7.7	3.2	0.7	0.7	0.7		
30	0.4	1.3	5.0	11.6	21.2	46.0	122.7	203.3	203.3	122.7	46.0	21.2	11.6	5.0	1.3	1.3	1.3	0.4	
20		1.9	6.9	16.1	35.0	137.4	579.3	1273.3	1273.3	579.3	137.4	35.0	16.1	6.9	1.9	1.9	1.9		
10	0.7	2.4	8.4	18.9	47.4	257.9	1388.0	6225.1	6225.1	1388.0	257.9	47.4	18.9	8.4	2.4	2.4	2.4	0.7	
0		2.8	9.2	19.9	51.0	274.8	1436.7	6330.7	6330.7	1436.7	274.8	51.0	19.9	9.2	2.8	2.8	2.8		
-10	0.9	2.9	9.3	19.6	44.7	174.9	697.4	1491.7	1491.7	697.4	174.9	44.7	19.6	9.3	2.9	2.9	2.9	0.9	
-20		2.8	8.9	18.0	34.5	81.7	214.9	358.2	358.2	214.9	81.7	34.5	18.0	8.9	2.8	2.8	2.8		
-30	0.8	2.5	8.0	15.9	27.0	44.9	73.1	92.8	92.8	73.1	44.9	27.0	15.9	8.0	2.5	2.5	2.5	0.8	
-40		2.0	6.5	13.2	21.8	31.4	42.2	47.0	47.0	42.2	31.4	21.8	13.2	6.5	2.0	2.0	2.0		
-50	0.5	1.6	4.9	10.3	17.2	24.1	30.4	33.2	33.2	30.4	24.1	17.2	10.3	4.9	1.6	1.6	1.6	0.5	
-60		1.0	3.1	6.7	11.5	16.8	21.2	23.3	23.3	21.2	16.8	11.5	6.7	3.1	1.0	1.0	1.0		
-70	0.2	1.0	3.1	6.7	11.5	16.8	21.2	23.3	23.3	21.2	16.8	11.5	6.7	3.1	1.0	1.0	1.0	0.2	
-80		0.2	2.7	11.4	25.0	31.6	25.0	11.4	2.7	0.2	0.2	2.7	11.4	25.0	31.6	25.0	11.4		2.7
-90	0.2	2.7	11.4	25.0	31.6	25.0	11.4	2.7	0.2	0.2	2.7	11.4	25.0	31.6	25.0	11.4	2.7	0.2	
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

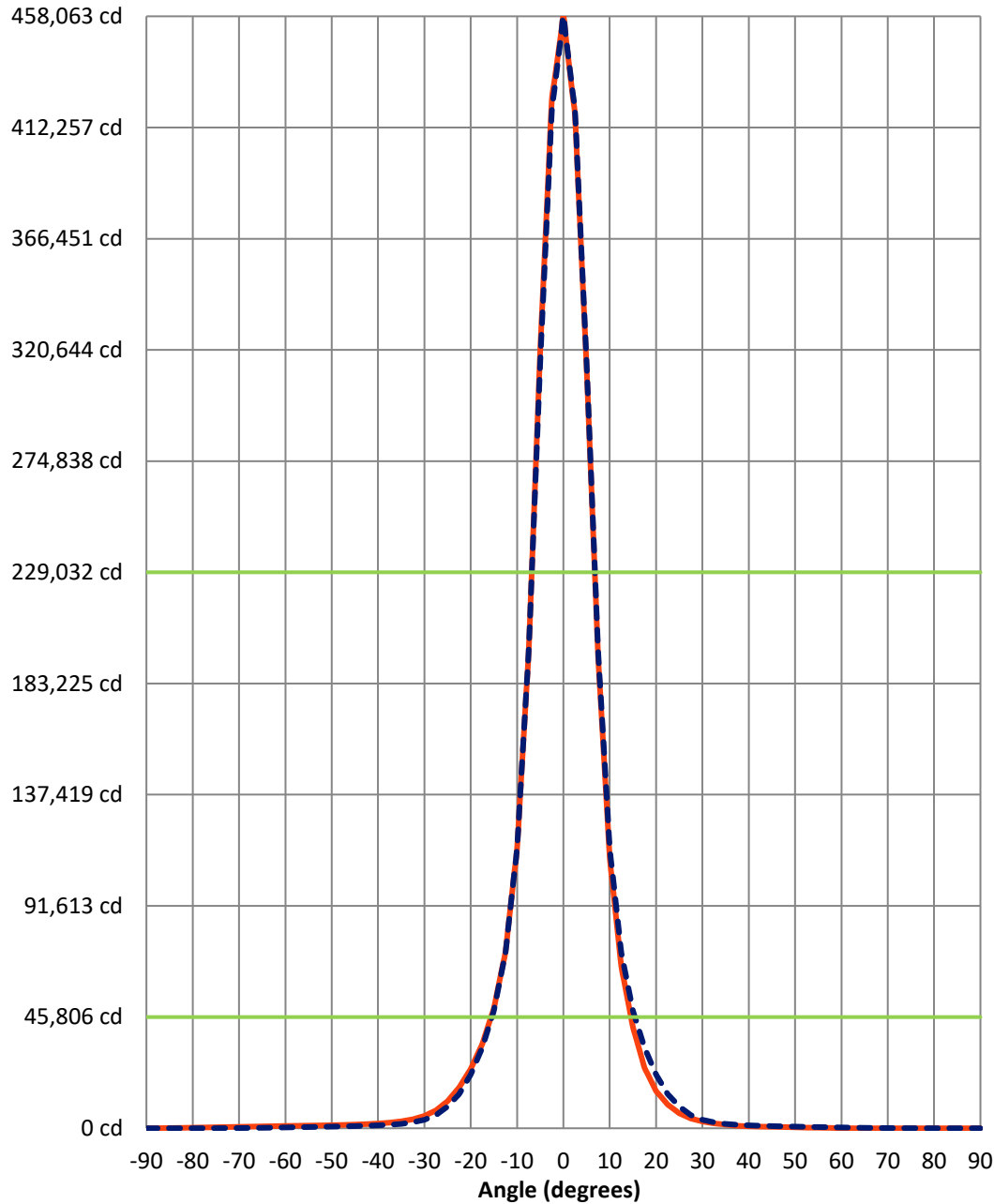
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CATALOG NUMBER: GFLD-SA6E-730-U-NR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 14426.3
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 32132.1
 Efficiency: 71.1%

Spill:
 Lumens: 13056.7
 Efficiency: 28.9%

- 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	1.1	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1
75°	0.0	1.3	0.2	0.0	0.2	0.8	0.3	0.0	0.2	0.8	0.4
72.5°	0.0	1.5	0.3	0.0	1.0	1.5	0.5	0.6	2.1	2.1	0.9
70°	0.0	1.8	0.4	0.2	2.0	2.2	1.1	3.0	4.1	3.6	1.3
67.5°	0.0	2.0	0.6	1.1	2.9	3.0	3.4	5.5	6.2	3.9	1.6
65°	0.0	2.2	0.8	2.1	3.9	4.1	5.6	8.1	6.5	4.3	2.9
62.5°	0.0	2.5	1.0	3.1	5.0	5.5	7.6	9.1	6.9	5.0	6.1
60°	0.0	2.7	1.3	4.1	6.1	6.8	9.5	9.4	7.3	7.0	8.9
57.5°	0.0	3.0	2.1	5.1	6.8	7.9	9.7	9.7	8.2	8.7	9.7
55°	0.0	3.3	2.9	6.2	7.5	8.9	9.7	9.7	9.0	9.7	9.7
52.5°	0.0	3.6	3.7	7.2	8.1	9.7	9.7	9.7	9.5	9.7	9.7
50°	0.0	3.8	4.4	8.3	8.6	9.7	9.7	9.7	9.7	9.7	11.3
47.5°	0.0	4.1	5.0	9.2	9.0	9.7	9.7	9.7	9.7	9.7	13.4
45°	0.0	4.4	5.7	9.4	9.3	9.7	9.7	9.7	10.0	12.1	16.0
42.5°	0.0	4.7	6.2	9.6	9.6	9.7	9.7	10.1	10.7	14.7	21.4
40°	0.0	5.0	6.8	9.7	9.7	9.7	9.7	10.8	12.3	17.8	27.6
37.5°	0.0	5.4	7.3	9.7	9.7	9.7	9.7	11.8	15.7	22.4	34.1
35°	0.0	5.7	7.7	9.7	9.7	9.7	9.7	12.9	19.3	28.5	41.8
32.5°	0.0	6.0	8.1	9.7	9.7	9.7	10.0	14.3	23.1	34.5	51.8
30°	0.0	6.3	8.4	9.7	9.7	9.7	11.0	16.2	26.9	40.2	62.7
27.5°	0.0	6.6	8.7	9.7	9.7	9.7	12.1	19.3	31.2	45.7	74.5
25°	0.0	6.9	8.9	9.7	9.7	9.7	13.2	22.4	35.9	53.8	87.0
22.5°	0.0	7.2	9.1	9.7	9.7	9.9	14.4	25.5	40.3	63.5	101.8
20°	0.0	7.6	9.3	9.7	9.7	10.6	15.7	28.6	44.4	73.4	115.5
17.5°	0.0	7.9	9.4	9.7	9.7	11.5	17.4	31.7	48.3	83.4	127.9
15°	0.0	8.2	9.5	9.7	9.7	12.5	19.4	34.7	52.0	93.2	139.2
12.5°	0.0	8.4	9.6	9.7	9.7	13.5	21.3	37.6	56.9	102.7	149.4
10°	0.0	8.7	9.6	9.7	9.7	14.7	23.0	40.3	63.1	111.6	158.4
7.5°	0.0	9.0	9.7	9.7	9.7	15.9	24.7	42.7	69.5	119.3	166.3
5°	0.0	9.2	9.7	9.7	9.7	17.1	26.3	44.9	75.7	125.8	173.2
2.5°	0.0	9.5	9.7	9.7	9.7	18.3	27.7	46.8	81.7	131.2	179.2
0°	0.0	9.7	9.7	9.7	9.7	19.4	29.1	48.5	87.3	135.7	184.2
-2.5°	0.0	9.7	9.7	9.7	10.6	20.4	31.6	51.4	92.3	139.3	190.5
-5°	0.0	9.7	9.7	9.7	11.4	21.4	34.0	54.1	96.5	142.1	195.6
-7.5°	0.0	9.6	9.7	9.7	12.2	22.2	36.2	56.4	99.9	144.3	199.4
-10°	0.0	9.6	9.7	9.7	12.9	22.9	38.0	58.5	102.5	145.8	201.8
-12.5°	0.0	9.5	9.7	9.7	13.5	23.6	39.6	60.3	104.1	147.3	205.6
-15°	0.0	9.4	9.7	9.7	14.1	24.1	40.9	61.8	104.4	150.2	209.1
-17.5°	0.0	9.3	9.7	9.7	14.5	24.5	41.7	63.3	103.7	151.7	210.7
-20°	0.0	9.1	9.7	9.7	14.8	24.8	42.2	64.6	102.2	151.7	210.4

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Scaled Data Report



REPORT NUMBER: P627988 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.0	9.7	9.7	14.9	25.1	42.8	65.4	99.9	150.0	208.0
-25°	0.0	8.8	9.7	9.7	14.8	25.7	43.0	65.7	96.8	146.4	203.4
-27.5°	0.0	8.6	9.7	9.7	14.6	26.4	43.1	65.5	93.0	141.5	199.1
-30°	0.0	8.4	9.7	9.7	14.3	26.8	42.8	64.7	91.0	136.3	192.4
-32.5°	0.0	8.2	9.7	9.7	14.2	27.0	42.3	64.0	89.8	130.2	183.2
-35°	0.0	7.9	9.7	9.7	14.0	26.9	42.2	63.1	88.0	123.3	171.6
-37.5°	0.0	7.7	9.7	9.7	13.7	26.7	42.0	62.0	85.5	115.6	164.9
-40°	0.0	7.4	9.7	9.7	13.2	26.1	41.5	60.5	82.2	110.6	158.9
-42.5°	0.0	7.2	9.7	9.8	13.1	25.3	40.6	58.8	79.6	108.4	151.3
-45°	0.0	6.9	9.7	10.0	13.4	24.3	39.4	56.9	77.3	105.1	143.1
-47.5°	0.0	6.6	9.7	10.2	13.7	23.0	37.8	55.0	74.7	100.6	137.6
-50°	0.0	6.2	9.7	10.4	13.8	21.5	35.9	52.6	71.8	96.8	130.5
-52.5°	0.0	5.9	9.7	10.5	13.8	19.8	33.6	49.8	68.2	91.4	122.0
-55°	0.0	5.6	9.7	10.5	13.7	19.2	31.0	46.5	64.2	84.6	113.1
-57.5°	0.0	5.2	9.7	10.5	13.5	18.8	28.1	42.8	59.6	78.4	102.5
-60°	0.0	4.8	9.7	10.4	13.2	18.2	25.1	38.7	54.4	72.2	91.9
-62.5°	0.0	4.5	8.9	10.3	12.9	17.4	23.9	34.2	48.8	65.3	83.6
-65°	0.0	4.1	8.2	10.2	12.4	16.5	22.4	30.1	42.7	57.9	74.6
-67.5°	0.0	3.7	7.4	10.0	11.9	15.4	20.7	27.6	36.2	49.9	65.1
-70°	0.0	3.3	6.6	9.7	11.2	14.3	18.8	24.9	32.4	41.5	54.9
-72.5°	0.0	2.9	5.8	8.7	10.6	13.0	16.8	21.9	28.4	36.1	45.0
-75°	0.0	2.5	5.0	7.5	9.8	11.7	14.6	19.2	24.1	30.5	37.9
-77.5°	0.0	2.1	4.2	6.3	8.4	10.2	12.4	16.5	20.9	25.2	30.5
-80°	0.0	1.7	3.4	5.0	6.7	8.4	10.0	13.8	17.8	21.8	25.7
-82.5°	0.0	1.3	2.5	3.8	5.0	6.3	7.5	10.8	14.6	18.2	21.8
-85°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	7.2	9.9	12.9	16.3
-87.5°	0.0	0.4	0.8	1.3	1.7	2.1	2.5	3.6	5.0	6.5	8.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.6	2.8	3.3	2.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
65°	4.7	6.3	4.8	2.5	0.2	2.3	3.3	2.6	0.3	0.0	0.0
62.5°	9.0	7.6	5.4	4.0	5.5	7.3	5.7	3.3	0.9	4.7	6.8
60°	9.7	8.2	6.8	7.7	9.8	8.7	6.4	9.5	14.2	17.9	21.7
57.5°	9.7	9.0	8.8	10.5	11.0	11.0	17.0	22.8	32.2	40.0	45.4
55°	10.0	9.6	11.0	13.1	16.3	23.2	31.7	44.7	55.1	71.1	84.7
52.5°	11.0	11.0	14.8	19.9	29.3	40.0	55.1	73.4	94.1	109.7	126.2
50°	12.6	16.2	20.7	33.3	46.2	63.1	87.8	114.4	132.0	149.5	173.1
47.5°	17.3	22.0	34.1	48.7	67.5	94.2	128.2	147.5	164.8	192.3	221.7
45°	23.3	33.0	48.0	68.1	94.0	131.4	158.3	174.0	203.9	235.8	269.4
42.5°	29.7	45.6	65.9	87.1	127.9	163.5	187.8	212.8	243.0	280.2	316.6
40°	40.3	57.9	85.6	118.8	160.3	195.1	225.5	254.2	283.9	332.6	371.3
37.5°	51.1	76.7	107.9	149.3	192.4	230.4	264.4	300.4	342.8	397.7	432.5
35°	61.5	96.2	134.4	178.4	224.2	267.2	308.0	350.1	405.1	457.1	498.7
32.5°	76.2	116.1	159.1	206.7	253.9	302.6	352.1	402.4	456.5	509.8	564.2
30°	94.6	137.4	182.7	233.7	281.2	337.5	394.9	448.2	502.7	558.6	620.3
27.5°	113.1	157.2	206.3	257.8	307.6	371.8	433.7	489.3	545.2	605.5	675.7
25°	130.3	177.3	228.6	279.3	337.8	406.6	474.4	538.8	586.1	654.7	736.8
22.5°	146.7	196.9	251.9	298.7	366.9	441.8	520.6	589.9	645.9	707.2	800.3
20°	163.0	217.0	273.8	326.2	396.1	476.6	570.2	641.6	711.1	790.1	885.2
17.5°	178.6	235.8	295.5	357.6	431.4	514.8	621.0	693.8	776.7	871.4	991.2
15°	193.3	253.2	317.1	386.9	463.2	553.0	655.5	746.2	845.5	954.7	1096.3
12.5°	207.0	269.1	338.5	414.0	491.2	585.9	684.4	780.9	895.2	1038.0	1216.2
10°	219.6	283.5	359.2	438.9	515.7	613.7	709.9	810.3	930.9	1087.8	1291.7
7.5°	230.1	298.0	378.8	461.4	536.7	636.6	731.9	834.5	960.7	1128.9	1342.5
5°	238.9	313.2	397.1	476.0	554.2	656.3	750.3	853.7	984.5	1161.1	1378.9
2.5°	246.3	327.1	413.0	486.6	569.2	674.2	765.0	875.0	1008.7	1186.1	1412.9
0°	252.1	339.3	426.6	494.5	581.7	688.4	775.7	892.0	1027.7	1202.3	1444.7
-2.5°	263.9	349.4	434.7	503.6	595.1	690.7	782.7	894.4	1034.9	1214.9	1450.6
-5°	273.8	357.5	440.6	510.7	605.1	690.5	785.7	892.4	1037.4	1222.1	1461.1
-7.5°	281.3	363.8	444.5	516.2	610.5	693.7	790.0	899.3	1045.0	1228.7	1474.8
-10°	286.3	368.3	447.7	523.1	611.8	697.0	791.7	900.8	1043.7	1224.4	1467.3
-12.5°	288.8	371.0	449.3	526.8	611.5	696.6	789.4	896.6	1033.1	1209.1	1437.3
-15°	289.6	372.0	449.1	527.2	610.0	692.5	783.3	886.5	1013.8	1183.2	1390.3
-17.5°	288.8	371.5	447.2	524.0	607.8	684.5	773.6	872.7	994.3	1152.6	1352.1
-20°	286.3	369.4	443.8	517.1	604.5	677.2	764.0	859.7	974.1	1117.5	1295.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627988 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	282.3	366.0	439.0	510.0	593.8	670.3	751.4	842.7	945.2	1074.9	1233.3
-25°	277.6	359.1	432.9	504.5	581.6	659.8	735.5	822.3	916.5	1041.1	1183.7
-27.5°	271.3	350.8	424.4	497.0	568.6	645.6	719.6	801.5	894.8	1004.7	1132.2
-30°	262.4	339.0	412.7	486.6	557.3	629.6	701.1	779.2	867.0	970.7	1088.4
-32.5°	251.1	325.9	397.9	471.0	544.6	613.5	680.8	755.9	838.4	929.3	1041.2
-35°	239.6	311.6	381.9	451.6	529.1	595.6	660.4	729.3	806.0	890.5	981.7
-37.5°	228.8	296.3	364.9	430.7	504.1	573.4	636.4	701.9	772.8	850.3	933.2
-40°	217.2	280.1	347.0	411.1	475.5	546.2	609.1	672.3	737.9	815.6	889.3
-42.5°	205.2	266.3	328.3	391.0	452.5	515.7	578.5	639.1	708.3	781.9	854.2
-45°	195.1	251.9	309.4	370.4	431.0	488.2	547.1	603.7	673.9	747.5	818.2
-47.5°	183.4	237.2	292.9	348.2	407.7	464.8	517.7	575.0	634.7	704.1	778.3
-50°	171.2	222.1	273.6	325.7	382.0	439.1	492.9	545.8	602.1	659.2	723.2
-52.5°	160.8	205.3	253.0	300.8	354.1	410.0	464.3	517.2	569.1	622.7	677.3
-55°	148.6	189.3	231.4	276.2	322.9	376.4	430.2	481.9	534.9	585.0	638.4
-57.5°	135.0	171.5	209.9	251.8	294.4	338.3	390.4	441.8	491.6	542.3	597.5
-60°	119.6	152.3	187.0	225.7	267.2	307.4	349.6	397.2	445.3	493.4	544.3
-62.5°	103.7	132.0	163.4	197.1	235.1	274.7	313.3	353.9	397.1	438.9	483.0
-65°	93.1	113.0	139.4	169.4	200.6	235.9	272.5	310.0	348.0	383.5	417.5
-67.5°	81.7	99.8	119.2	141.3	169.6	199.4	228.7	262.2	296.3	329.0	360.7
-70°	69.7	85.7	103.0	121.4	141.5	165.8	193.2	220.1	246.3	273.7	303.1
-72.5°	57.1	71.0	86.0	102.0	119.2	138.3	159.4	182.4	205.7	228.3	251.3
-75°	46.9	56.0	68.3	81.8	96.7	111.8	127.0	145.1	164.9	184.7	204.1
-77.5°	38.6	47.1	55.5	63.8	74.4	88.2	101.8	115.2	128.9	143.9	159.9
-80°	31.4	38.0	45.6	53.3	60.5	68.9	78.4	88.9	98.6	108.6	119.4
-82.5°	26.2	31.2	36.7	42.6	46.9	51.3	56.3	62.5	68.9	75.6	82.5
-85°	20.1	24.1	27.8	31.8	33.8	36.0	38.4	41.1	45.2	49.3	53.3
-87.5°	10.1	12.1	14.3	16.7	17.7	18.7	19.7	20.6	23.2	26.0	28.8
-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: P627988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.5	0.1	0.0	0.0	0.1	1.8	2.4	2.1	0.9	0.0	0.0
62.5°	5.7	4.7	7.5	10.0	11.1	10.7	9.9	8.8	7.5	7.0	7.9
60°	23.3	22.8	31.8	36.2	32.9	23.2	36.5	43.1	41.4	35.5	35.3
57.5°	56.9	69.2	78.0	81.9	94.7	115.5	119.4	112.6	110.1	112.4	129.8
55°	98.7	108.5	113.6	131.2	146.8	158.1	164.7	171.5	181.4	193.6	206.2
52.5°	139.5	153.0	163.4	179.2	197.9	204.3	202.6	226.6	245.3	257.3	262.2
50°	191.5	208.4	232.6	257.2	267.9	278.4	289.5	309.1	337.8	373.6	394.0
47.5°	247.6	274.3	299.6	327.8	342.0	353.1	369.6	403.9	444.8	483.3	503.3
45°	298.2	321.9	350.8	375.2	392.8	414.2	438.1	469.1	514.8	555.0	582.7
42.5°	338.7	365.5	395.3	424.8	442.6	471.5	507.7	549.9	597.8	639.6	670.5
40°	395.6	418.3	465.7	493.7	500.8	527.8	600.3	657.9	712.0	763.4	789.1
37.5°	464.4	508.6	557.8	583.3	608.2	655.8	752.9	846.0	915.0	984.6	1022.7
35°	542.4	600.5	667.6	697.7	751.3	855.1	969.1	1098.6	1259.8	1327.3	1388.8
32.5°	618.3	683.3	745.2	812.6	906.3	1030.3	1158.8	1368.8	1564.9	1716.8	1827.7
30°	685.6	754.6	831.4	918.1	1050.0	1221.0	1435.6	1707.3	1983.7	2225.0	2429.0
27.5°	752.1	830.6	921.9	1051.1	1236.9	1469.2	1811.7	2199.3	2660.7	3000.7	3406.6
25°	825.1	914.7	1032.0	1219.4	1470.1	1817.2	2364.8	2994.2	3750.8	4364.3	5006.3
22.5°	911.4	1043.8	1192.4	1401.3	1839.2	2411.2	3159.3	4235.1	5399.0	6475.1	7511.4
20°	1015.6	1196.6	1435.3	1819.8	2382.0	3227.7	4527.5	6244.4	7956.1	9779.0	11533.8
17.5°	1164.4	1425.3	1796.0	2343.4	3084.2	4757.1	6866.1	9521.7	12933.4	16025.2	18724.6
15°	1304.0	1615.7	2201.1	3019.3	4311.6	6528.7	9731.9	14115.0	19432.1	24278.0	29396.0
12.5°	1450.5	1818.5	2490.8	3532.7	5328.3	8214.7	12716.3	18722.0	25379.9	32683.1	41001.8
10°	1566.5	2013.4	2818.4	4139.4	6352.8	9947.1	15309.1	22592.7	31440.1	42248.3	55546.4
7.5°	1644.8	2169.6	3088.9	4583.5	7295.9	11718.9	18173.7	26928.3	37989.0	52307.7	70915.2
5°	1706.0	2288.8	3292.4	4988.5	8093.7	13071.4	20296.0	30724.9	43809.2	62993.7	94528.1
2.5°	1755.2	2380.1	3418.2	5267.2	8594.5	14013.2	21719.9	32872.9	47273.8	70894.2	111805.9
0°	1793.7	2462.7	3500.1	5439.3	8978.2	14107.2	22164.3	33265.9	48517.2	72320.2	115524.2
-2.5°	1810.1	2506.9	3528.3	5476.9	8939.9	14269.0	22300.0	33579.8	48470.5	71538.8	111371.3
-5°	1837.3	2506.2	3507.1	5438.5	8739.4	13850.9	21414.4	31822.9	45546.3	65386.1	98020.1
-7.5°	1856.9	2466.2	3405.5	5192.1	8214.7	12947.2	19858.2	28911.8	40224.2	55288.1	75499.4
-10°	1838.9	2389.5	3236.3	4778.7	7399.1	11497.6	17491.8	25068.8	34470.6	45634.1	59366.2
-12.5°	1769.8	2247.9	2960.1	4199.7	6342.7	9873.7	15111.0	21562.3	28521.0	36361.2	45850.2
-15°	1682.3	2095.2	2711.2	3802.5	5559.4	8264.2	12087.8	17321.4	22903.5	28856.2	35204.0
-17.5°	1614.1	1961.1	2471.2	3261.2	4553.5	6704.1	9708.9	13426.8	17528.9	22061.0	25822.6
-20°	1521.9	1796.1	2224.3	2869.4	3855.4	5280.3	7468.7	10169.7	12876.6	16063.2	18661.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627988 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1429.5	1668.4	1994.2	2466.3	3199.9	4276.5	5628.5	7432.0	9411.6	11240.6	13041.0
-25°	1343.8	1527.8	1791.3	2178.6	2676.3	3410.9	4373.3	5407.9	6712.7	7826.0	9061.6
-27.5°	1274.4	1432.4	1626.9	1910.8	2297.0	2769.5	3458.6	4151.8	4838.0	5399.9	6250.6
-30°	1207.3	1334.6	1497.2	1699.7	1989.1	2353.3	2800.6	3250.3	3646.3	4007.6	4450.5
-32.5°	1141.5	1245.0	1369.7	1537.8	1745.6	2019.3	2294.2	2616.5	2891.8	3145.8	3380.9
-35°	1075.5	1167.7	1262.6	1404.4	1570.1	1764.5	1964.4	2182.7	2373.3	2544.4	2695.7
-37.5°	1016.0	1096.9	1186.3	1291.8	1425.3	1571.6	1734.9	1893.5	2019.3	2130.4	2222.2
-40°	965.7	1039.3	1115.8	1200.3	1301.9	1417.4	1556.0	1688.2	1776.3	1844.2	1899.8
-42.5°	920.9	985.6	1050.8	1122.5	1200.5	1300.5	1409.9	1519.0	1578.8	1631.3	1671.6
-45°	884.8	934.5	989.4	1050.6	1119.7	1203.4	1289.4	1364.9	1418.0	1463.2	1496.7
-47.5°	837.2	885.0	932.6	983.1	1047.5	1117.3	1188.4	1246.4	1292.8	1332.1	1357.8
-50°	784.6	835.1	878.6	923.0	982.3	1041.4	1098.7	1146.6	1190.9	1229.5	1249.7
-52.5°	730.4	784.5	830.1	873.5	923.2	974.8	1026.4	1067.5	1106.2	1142.6	1157.9
-55°	691.3	741.1	788.3	829.0	870.0	911.3	953.5	996.0	1034.4	1068.8	1079.1
-57.5°	649.1	699.8	746.4	783.0	820.0	857.3	895.9	934.3	971.3	1004.3	1012.7
-60°	597.5	652.5	693.9	728.5	764.4	801.2	834.8	869.0	903.5	932.4	941.7
-62.5°	531.9	582.1	623.0	659.4	694.1	726.1	758.9	790.8	821.8	844.6	852.1
-65°	453.4	496.0	538.2	576.3	610.5	641.4	671.6	700.8	728.9	749.0	759.0
-67.5°	391.5	422.2	456.0	488.9	523.3	555.0	582.2	607.9	632.0	649.0	659.7
-70°	331.8	361.0	392.7	423.9	453.9	479.7	501.4	522.6	543.1	558.1	569.4
-72.5°	274.6	299.4	325.8	353.4	380.7	404.1	424.0	442.9	460.7	473.6	484.0
-75°	223.0	243.4	265.8	288.0	310.2	328.7	345.4	361.7	377.4	388.8	398.4
-77.5°	176.9	194.2	211.7	229.2	246.6	260.1	272.3	284.3	295.9	305.0	313.2
-80°	131.1	144.6	158.6	172.5	186.4	196.7	205.9	214.7	222.9	228.2	232.9
-82.5°	89.6	99.0	108.8	118.6	128.5	136.1	143.4	150.6	157.6	160.1	161.9
-85°	57.3	62.0	67.0	72.4	78.1	82.2	86.2	90.0	93.6	97.0	100.2
-87.5°	31.8	32.7	33.6	34.4	35.2	38.1	41.0	43.9	46.8	47.3	47.8
-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: P627988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.1
62.5°	8.7	9.3	9.6	9.7	9.6	9.3	8.7	7.9	7.0	7.5	8.8
60°	33.2	29.5	28.9	29.1	28.9	29.5	33.2	35.3	35.5	41.4	43.1
57.5°	147.4	164.0	168.6	164.8	168.6	164.0	147.4	129.8	112.4	110.1	112.6
55°	214.7	219.8	222.2	223.0	222.2	219.8	214.7	206.2	193.6	181.4	171.5
52.5°	263.3	261.5	261.2	261.8	261.2	261.5	263.3	262.2	257.3	245.3	226.6
50°	395.6	388.3	385.5	387.8	385.5	388.3	395.6	394.0	373.6	337.8	309.1
47.5°	505.7	508.0	511.4	513.9	511.4	508.0	505.7	503.3	483.3	444.8	403.9
45°	590.5	595.7	599.2	601.1	599.2	595.7	590.5	582.7	555.0	514.8	469.1
42.5°	677.2	677.8	676.9	678.7	676.9	677.8	677.2	670.5	639.6	597.8	549.9
40°	799.5	802.0	799.3	795.0	799.3	802.0	799.5	789.1	763.4	712.0	657.9
37.5°	1044.8	1048.4	1036.8	1027.7	1036.8	1048.4	1044.8	1022.7	984.6	915.0	846.0
35°	1445.0	1486.4	1506.1	1512.5	1506.1	1486.4	1445.0	1388.8	1327.3	1259.8	1098.6
32.5°	1904.4	1962.1	1991.1	2016.7	1991.1	1962.1	1904.4	1827.7	1716.8	1564.9	1368.8
30°	2562.9	2669.2	2716.2	2782.7	2716.2	2669.2	2562.9	2429.0	2225.0	1983.7	1707.3
27.5°	3637.1	3824.1	3927.6	4023.7	3927.6	3824.1	3637.1	3406.6	3000.7	2660.7	2199.3
25°	5472.9	5833.1	6066.2	6176.2	6066.2	5833.1	5472.9	5006.3	4364.3	3750.8	2994.2
22.5°	8514.1	9178.0	9690.1	9792.6	9690.1	9178.0	8514.1	7511.4	6475.1	5399.0	4235.1
20°	13236.3	14186.3	14959.1	15348.3	14959.1	14186.3	13236.3	11533.8	9779.0	7956.1	6244.4
17.5°	21939.7	23915.6	24818.2	24966.4	24818.2	23915.6	21939.7	18724.6	16025.2	12933.4	9521.7
15°	34887.7	38231.3	40353.8	41720.6	40353.8	38231.3	34887.7	29396.0	24278.0	19432.1	14115.0
12.5°	49661.1	59161.8	64567.7	66628.8	64567.7	59161.8	49661.1	41001.8	32683.1	25379.9	18722.0
10°	69711.8	92077.6	104979.2	111471.4	104979.2	92077.6	69711.8	55546.4	42248.3	31440.1	22592.7
7.5°	103742.7	138287.0	176560.6	194267.7	176560.6	138287.0	103742.7	70915.2	52307.7	37989.0	26928.3
5°	139517.3	215362.5	281932.6	313810.7	281932.6	215362.5	139517.3	94528.1	62993.7	43809.2	30724.9
2.5°	180634.4	282919.0	377489.4	417254.0	377489.4	282919.0	180634.4	111805.9	70894.2	47273.8	32872.9
0°	196458.9	315604.4	419033.2	458063.2	419033.2	315604.4	196458.9	115524.2	72320.2	48517.2	33265.9
-2.5°	183080.7	287874.3	379114.2	423711.3	379114.2	287874.3	183080.7	111371.3	71538.8	48470.5	33579.8
-5°	145467.1	216549.5	284121.4	320462.0	284121.4	216549.5	145467.1	98020.1	65386.1	45546.3	31822.9
-7.5°	106763.8	145460.3	182987.3	196109.9	182987.3	145460.3	106763.8	75499.4	55288.1	40224.2	28911.8
-10°	74331.1	96490.0	111117.3	115291.5	111117.3	96490.0	74331.1	59366.2	45634.1	34470.6	25068.8
-12.5°	55109.1	64801.4	71545.0	72717.7	71545.0	64801.4	55109.1	45850.2	36361.2	28521.0	21562.3
-15°	40806.8	45735.7	49213.9	49448.0	49213.9	45735.7	40806.8	35204.0	28856.2	22903.5	17321.4
-17.5°	29830.0	33138.5	34893.8	34768.7	34893.8	33138.5	29830.0	25822.6	22061.0	17528.9	13426.8
-20°	21330.2	23324.4	24738.8	24462.2	24738.8	23324.4	21330.2	18661.7	16063.2	12876.6	10169.7



REPORT NUMBER: P627988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14872.9	16196.7	17025.5	16812.3	17025.5	16196.7	14872.9	13041.0	11240.6	9411.6	7432.0
-25°	10105.9	10827.2	11237.7	11169.4	11237.7	10827.2	10105.9	9061.6	7826.0	6712.7	5407.9
-27.5°	6886.6	7267.6	7394.8	7388.1	7394.8	7267.6	6886.6	6250.6	5399.9	4838.0	4151.8
-30°	4779.9	5036.0	5182.4	5090.2	5182.4	5036.0	4779.9	4450.5	4007.6	3646.3	3250.3
-32.5°	3562.5	3706.9	3790.5	3703.8	3790.5	3706.9	3562.5	3380.9	3145.8	2891.8	2616.5
-35°	2807.6	2880.6	2910.1	2860.2	2910.1	2880.6	2807.6	2695.7	2544.4	2373.3	2182.7
-37.5°	2289.0	2331.8	2346.3	2317.3	2346.3	2331.8	2289.0	2222.2	2130.4	2019.3	1893.5
-40°	1939.5	1965.8	1972.3	1948.8	1972.3	1965.8	1939.5	1899.8	1844.2	1776.3	1688.2
-42.5°	1697.0	1712.7	1716.4	1706.4	1716.4	1712.7	1697.0	1671.6	1631.3	1578.8	1519.0
-45°	1516.7	1530.1	1532.6	1522.2	1532.6	1530.1	1516.7	1496.7	1463.2	1418.0	1364.9
-47.5°	1370.6	1378.9	1381.0	1376.8	1381.0	1378.9	1370.6	1357.8	1332.1	1292.8	1246.4
-50°	1258.8	1264.5	1265.0	1260.4	1265.0	1264.5	1258.8	1249.7	1229.5	1190.9	1146.6
-52.5°	1165.2	1169.2	1171.9	1173.2	1171.9	1169.2	1165.2	1157.9	1142.6	1106.2	1067.5
-55°	1086.3	1091.5	1094.6	1095.6	1094.6	1091.5	1086.3	1079.1	1068.8	1034.4	996.0
-57.5°	1019.2	1023.9	1026.8	1027.7	1026.8	1023.9	1019.2	1012.7	1004.3	971.3	934.3
-60°	949.3	955.1	958.7	959.9	958.7	955.1	949.3	941.7	932.4	903.5	869.0
-62.5°	857.0	859.5	861.9	862.9	861.9	859.5	857.0	852.1	844.6	821.8	790.8
-65°	766.6	771.7	774.8	775.7	774.8	771.7	766.6	759.0	749.0	728.9	700.8
-67.5°	668.4	675.1	682.3	688.4	682.3	675.1	668.4	659.7	649.0	632.0	607.9
-70°	579.4	588.0	590.7	591.4	590.7	588.0	579.4	569.4	558.1	543.1	522.6
-72.5°	493.3	501.3	508.2	513.9	508.2	501.3	493.3	484.0	473.6	460.7	442.9
-75°	407.0	414.5	416.4	416.9	416.4	414.5	407.0	398.4	388.8	377.4	361.7
-77.5°	320.8	327.8	329.3	329.7	329.3	327.8	320.8	313.2	305.0	295.9	284.3
-80°	237.3	241.1	246.9	252.1	246.9	241.1	237.3	232.9	228.2	222.9	214.7
-82.5°	163.2	164.1	164.6	164.8	164.6	164.1	163.2	161.9	160.1	157.6	150.6
-85°	103.3	106.2	106.6	106.7	106.6	106.2	103.3	100.2	97.0	93.6	90.0
-87.5°	48.1	48.3	48.5	48.5	48.5	48.3	48.1	47.8	47.3	46.8	43.9
-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: P627988 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
65°	2.4	1.8	0.1	0.0	0.0	0.1	0.5	0.0	0.0	0.3	2.6
62.5°	9.9	10.7	11.1	10.0	7.5	4.7	5.7	6.8	4.7	0.9	3.3
60°	36.5	23.2	32.9	36.2	31.8	22.8	23.3	21.7	17.9	14.2	9.5
57.5°	119.4	115.5	94.7	81.9	78.0	69.2	56.9	45.4	40.0	32.2	22.8
55°	164.7	158.1	146.8	131.2	113.6	108.5	98.7	84.7	71.1	55.1	44.7
52.5°	202.6	204.3	197.9	179.2	163.4	153.0	139.5	126.2	109.7	94.1	73.4
50°	289.5	278.4	267.9	257.2	232.6	208.4	191.5	173.1	149.5	132.0	114.4
47.5°	369.6	353.1	342.0	327.8	299.6	274.3	247.6	221.7	192.3	164.8	147.5
45°	438.1	414.2	392.8	375.2	350.8	321.9	298.2	269.4	235.8	203.9	174.0
42.5°	507.7	471.5	442.6	424.8	395.3	365.5	338.7	316.6	280.2	243.0	212.8
40°	600.3	527.8	500.8	493.7	465.7	418.3	395.6	371.3	332.6	283.9	254.2
37.5°	752.9	655.8	608.2	583.3	557.8	508.6	464.4	432.5	397.7	342.8	300.4
35°	969.1	855.1	751.3	697.7	667.6	600.5	542.4	498.7	457.1	405.1	350.1
32.5°	1158.8	1030.3	906.3	812.6	745.2	683.3	618.3	564.2	509.8	456.5	402.4
30°	1435.6	1221.0	1050.0	918.1	831.4	754.6	685.6	620.3	558.6	502.7	448.2
27.5°	1811.7	1469.2	1236.9	1051.1	921.9	830.6	752.1	675.7	605.5	545.2	489.3
25°	2364.8	1817.2	1470.1	1219.4	1032.0	914.7	825.1	736.8	654.7	586.1	538.8
22.5°	3159.3	2411.2	1839.2	1401.3	1192.4	1043.8	911.4	800.3	707.2	645.9	589.9
20°	4527.5	3227.7	2382.0	1819.8	1435.3	1196.6	1015.6	885.2	790.1	711.1	641.6
17.5°	6866.1	4757.1	3084.2	2343.4	1796.0	1425.3	1164.4	991.2	871.4	776.7	693.8
15°	9731.9	6528.7	4311.6	3019.3	2201.1	1615.7	1304.0	1096.3	954.7	845.5	746.2
12.5°	12716.3	8214.7	5328.3	3532.7	2490.8	1818.5	1450.5	1216.2	1038.0	895.2	780.9
10°	15309.1	9947.1	6352.8	4139.4	2818.4	2013.4	1566.5	1291.7	1087.8	930.9	810.3
7.5°	18173.7	11718.9	7295.9	4583.5	3088.9	2169.6	1644.8	1342.5	1128.9	960.7	834.5
5°	20296.0	13071.4	8093.7	4988.5	3292.4	2288.8	1706.0	1378.9	1161.1	984.5	853.7
2.5°	21719.9	14013.2	8594.5	5267.2	3418.2	2380.1	1755.2	1412.9	1186.1	1008.7	875.0
0°	22164.3	14107.2	8978.2	5439.3	3500.1	2462.7	1793.7	1444.7	1202.3	1027.7	892.0
-2.5°	22300.0	14269.0	8939.9	5476.9	3528.3	2506.9	1810.1	1450.6	1214.9	1034.9	894.4
-5°	21414.4	13850.9	8739.4	5438.5	3507.1	2506.2	1837.3	1461.1	1222.1	1037.4	892.4
-7.5°	19858.2	12947.2	8214.7	5192.1	3405.5	2466.2	1856.9	1474.8	1228.7	1045.0	899.3
-10°	17491.8	11497.6	7399.1	4778.7	3236.3	2389.5	1838.9	1467.3	1224.4	1043.7	900.8
-12.5°	15111.0	9873.7	6342.7	4199.7	2960.1	2247.9	1769.8	1437.3	1209.1	1033.1	896.6
-15°	12087.8	8264.2	5559.4	3802.5	2711.2	2095.2	1682.3	1390.3	1183.2	1013.8	886.5
-17.5°	9708.9	6704.1	4553.5	3261.2	2471.2	1961.1	1614.1	1352.1	1152.6	994.3	872.7
-20°	7468.7	5280.3	3855.4	2869.4	2224.3	1796.1	1521.9	1295.9	1117.5	974.1	859.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627988 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5628.5	4276.5	3199.9	2466.3	1994.2	1668.4	1429.5	1233.3	1074.9	945.2	842.7
-25°	4373.3	3410.9	2676.3	2178.6	1791.3	1527.8	1343.8	1183.7	1041.1	916.5	822.3
-27.5°	3458.6	2769.5	2297.0	1910.8	1626.9	1432.4	1274.4	1132.2	1004.7	894.8	801.5
-30°	2800.6	2353.3	1989.1	1699.7	1497.2	1334.6	1207.3	1088.4	970.7	867.0	779.2
-32.5°	2294.2	2019.3	1745.6	1537.8	1369.7	1245.0	1141.5	1041.2	929.3	838.4	755.9
-35°	1964.4	1764.5	1570.1	1404.4	1262.6	1167.7	1075.5	981.7	890.5	806.0	729.3
-37.5°	1734.9	1571.6	1425.3	1291.8	1186.3	1096.9	1016.0	933.2	850.3	772.8	701.9
-40°	1556.0	1417.4	1301.9	1200.3	1115.8	1039.3	965.7	889.3	815.6	737.9	672.3
-42.5°	1409.9	1300.5	1200.5	1122.5	1050.8	985.6	920.9	854.2	781.9	708.3	639.1
-45°	1289.4	1203.4	1119.7	1050.6	989.4	934.5	884.8	818.2	747.5	673.9	603.7
-47.5°	1188.4	1117.3	1047.5	983.1	932.6	885.0	837.2	778.3	704.1	634.7	575.0
-50°	1098.7	1041.4	982.3	923.0	878.6	835.1	784.6	723.2	659.2	602.1	545.8
-52.5°	1026.4	974.8	923.2	873.5	830.1	784.5	730.4	677.3	622.7	569.1	517.2
-55°	953.5	911.3	870.0	829.0	788.3	741.1	691.3	638.4	585.0	534.9	481.9
-57.5°	895.9	857.3	820.0	783.0	746.4	699.8	649.1	597.5	542.3	491.6	441.8
-60°	834.8	801.2	764.4	728.5	693.9	652.5	597.5	544.3	493.4	445.3	397.2
-62.5°	758.9	726.1	694.1	659.4	623.0	582.1	531.9	483.0	438.9	397.1	353.9
-65°	671.6	641.4	610.5	576.3	538.2	496.0	453.4	417.5	383.5	348.0	310.0
-67.5°	582.2	555.0	523.3	488.9	456.0	422.2	391.5	360.7	329.0	296.3	262.2
-70°	501.4	479.7	453.9	423.9	392.7	361.0	331.8	303.1	273.7	246.3	220.1
-72.5°	424.0	404.1	380.7	353.4	325.8	299.4	274.6	251.3	228.3	205.7	182.4
-75°	345.4	328.7	310.2	288.0	265.8	243.4	223.0	204.1	184.7	164.9	145.1
-77.5°	272.3	260.1	246.6	229.2	211.7	194.2	176.9	159.9	143.9	128.9	115.2
-80°	205.9	196.7	186.4	172.5	158.6	144.6	131.1	119.4	108.6	98.6	88.9
-82.5°	143.4	136.1	128.5	118.6	108.8	99.0	89.6	82.5	75.6	68.9	62.5
-85°	86.2	82.2	78.1	72.4	67.0	62.0	57.3	53.3	49.3	45.2	41.1
-87.5°	41.0	38.1	35.2	34.4	33.6	32.7	31.8	28.8	26.0	23.2	20.6
-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: P627988 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-730-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.2	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.1	2.1	0.6
70°	0.0	0.0	0.0	0.8	0.9	0.0	0.0	1.3	3.6	4.1	3.0
67.5°	0.0	0.0	0.0	2.0	3.3	2.8	0.6	1.6	3.9	6.2	5.5
65°	3.3	2.3	0.2	2.5	4.8	6.3	4.7	2.9	4.3	6.5	8.1
62.5°	5.7	7.3	5.5	4.0	5.4	7.6	9.0	6.1	5.0	6.9	9.1
60°	6.4	8.7	9.8	7.7	6.8	8.2	9.7	8.9	7.0	7.3	9.4
57.5°	17.0	11.0	11.0	10.5	8.8	9.0	9.7	9.7	8.7	8.2	9.7
55°	31.7	23.2	16.3	13.1	11.0	9.6	10.0	9.7	9.7	9.0	9.7
52.5°	55.1	40.0	29.3	19.9	14.8	11.0	11.0	9.7	9.7	9.5	9.7
50°	87.8	63.1	46.2	33.3	20.7	16.2	12.6	11.3	9.7	9.7	9.7
47.5°	128.2	94.2	67.5	48.7	34.1	22.0	17.3	13.4	9.7	9.7	9.7
45°	158.3	131.4	94.0	68.1	48.0	33.0	23.3	16.0	12.1	10.0	9.7
42.5°	187.8	163.5	127.9	87.1	65.9	45.6	29.7	21.4	14.7	10.7	10.1
40°	225.5	195.1	160.3	118.8	85.6	57.9	40.3	27.6	17.8	12.3	10.8
37.5°	264.4	230.4	192.4	149.3	107.9	76.7	51.1	34.1	22.4	15.7	11.8
35°	308.0	267.2	224.2	178.4	134.4	96.2	61.5	41.8	28.5	19.3	12.9
32.5°	352.1	302.6	253.9	206.7	159.1	116.1	76.2	51.8	34.5	23.1	14.3
30°	394.9	337.5	281.2	233.7	182.7	137.4	94.6	62.7	40.2	26.9	16.2
27.5°	433.7	371.8	307.6	257.8	206.3	157.2	113.1	74.5	45.7	31.2	19.3
25°	474.4	406.6	337.8	279.3	228.6	177.3	130.3	87.0	53.8	35.9	22.4
22.5°	520.6	441.8	366.9	298.7	251.9	196.9	146.7	101.8	63.5	40.3	25.5
20°	570.2	476.6	396.1	326.2	273.8	217.0	163.0	115.5	73.4	44.4	28.6
17.5°	621.0	514.8	431.4	357.6	295.5	235.8	178.6	127.9	83.4	48.3	31.7
15°	655.5	553.0	463.2	386.9	317.1	253.2	193.3	139.2	93.2	52.0	34.7
12.5°	684.4	585.9	491.2	414.0	338.5	269.1	207.0	149.4	102.7	56.9	37.6
10°	709.9	613.7	515.7	438.9	359.2	283.5	219.6	158.4	111.6	63.1	40.3
7.5°	731.9	636.6	536.7	461.4	378.8	298.0	230.1	166.3	119.3	69.5	42.7
5°	750.3	656.3	554.2	476.0	397.1	313.2	238.9	173.2	125.8	75.7	44.9
2.5°	765.0	674.2	569.2	486.6	413.0	327.1	246.3	179.2	131.2	81.7	46.8
0°	775.7	688.4	581.7	494.5	426.6	339.3	252.1	184.2	135.7	87.3	48.5
-2.5°	782.7	690.7	595.1	503.6	434.7	349.4	263.9	190.5	139.3	92.3	51.4
-5°	785.7	690.5	605.1	510.7	440.6	357.5	273.8	195.6	142.1	96.5	54.1
-7.5°	790.0	693.7	610.5	516.2	444.5	363.8	281.3	199.4	144.3	99.9	56.4
-10°	791.7	697.0	611.8	523.1	447.7	368.3	286.3	201.8	145.8	102.5	58.5
-12.5°	789.4	696.6	611.5	526.8	449.3	371.0	288.8	205.6	147.3	104.1	60.3
-15°	783.3	692.5	610.0	527.2	449.1	372.0	289.6	209.1	150.2	104.4	61.8
-17.5°	773.6	684.5	607.8	524.0	447.2	371.5	288.8	210.7	151.7	103.7	63.3
-20°	764.0	677.2	604.5	517.1	443.8	369.4	286.3	210.4	151.7	102.2	64.6



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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°	751.4	670.3	593.8	510.0	439.0	366.0	282.3	208.0	150.0	99.9	65.4
-25°	735.5	659.8	581.6	504.5	432.9	359.1	277.6	203.4	146.4	96.8	65.7
-27.5°	719.6	645.6	568.6	497.0	424.4	350.8	271.3	199.1	141.5	93.0	65.5
-30°	701.1	629.6	557.3	486.6	412.7	339.0	262.4	192.4	136.3	91.0	64.7
-32.5°	680.8	613.5	544.6	471.0	397.9	325.9	251.1	183.2	130.2	89.8	64.0
-35°	660.4	595.6	529.1	451.6	381.9	311.6	239.6	171.6	123.3	88.0	63.1
-37.5°	636.4	573.4	504.1	430.7	364.9	296.3	228.8	164.9	115.6	85.5	62.0
-40°	609.1	546.2	475.5	411.1	347.0	280.1	217.2	158.9	110.6	82.2	60.5
-42.5°	578.5	515.7	452.5	391.0	328.3	266.3	205.2	151.3	108.4	79.6	58.8
-45°	547.1	488.2	431.0	370.4	309.4	251.9	195.1	143.1	105.1	77.3	56.9
-47.5°	517.7	464.8	407.7	348.2	292.9	237.2	183.4	137.6	100.6	74.7	55.0
-50°	492.9	439.1	382.0	325.7	273.6	222.1	171.2	130.5	96.8	71.8	52.6
-52.5°	464.3	410.0	354.1	300.8	253.0	205.3	160.8	122.0	91.4	68.2	49.8
-55°	430.2	376.4	322.9	276.2	231.4	189.3	148.6	113.1	84.6	64.2	46.5
-57.5°	390.4	338.3	294.4	251.8	209.9	171.5	135.0	102.5	78.4	59.6	42.8
-60°	349.6	307.4	267.2	225.7	187.0	152.3	119.6	91.9	72.2	54.4	38.7
-62.5°	313.3	274.7	235.1	197.1	163.4	132.0	103.7	83.6	65.3	48.8	34.2
-65°	272.5	235.9	200.6	169.4	139.4	113.0	93.1	74.6	57.9	42.7	30.1
-67.5°	228.7	199.4	169.6	141.3	119.2	99.8	81.7	65.1	49.9	36.2	27.6
-70°	193.2	165.8	141.5	121.4	103.0	85.7	69.7	54.9	41.5	32.4	24.9
-72.5°	159.4	138.3	119.2	102.0	86.0	71.0	57.1	45.0	36.1	28.4	21.9
-75°	127.0	111.8	96.7	81.8	68.3	56.0	46.9	37.9	30.5	24.1	19.2
-77.5°	101.8	88.2	74.4	63.8	55.5	47.1	38.6	30.5	25.2	20.9	16.5
-80°	78.4	68.9	60.5	53.3	45.6	38.0	31.4	25.7	21.8	17.8	13.8
-82.5°	56.3	51.3	46.9	42.6	36.7	31.2	26.2	21.8	18.2	14.6	10.8
-85°	38.4	36.0	33.8	31.8	27.8	24.1	20.1	16.3	12.9	9.9	7.2
-87.5°	19.7	18.7	17.7	16.7	14.3	12.1	10.1	8.2	6.5	5.0	3.6
-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°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
80°	0.0	0.0	0.0	0.0	0.1	0.9	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	1.1	0.0
75°	0.3	0.8	0.2	0.0	0.2	1.3	0.0
72.5°	0.5	1.5	1.0	0.0	0.3	1.5	0.0
70°	1.1	2.2	2.0	0.2	0.4	1.8	0.0
67.5°	3.4	3.0	2.9	1.1	0.6	2.0	0.0
65°	5.6	4.1	3.9	2.1	0.8	2.2	0.0
62.5°	7.6	5.5	5.0	3.1	1.0	2.5	0.0
60°	9.5	6.8	6.1	4.1	1.3	2.7	0.0
57.5°	9.7	7.9	6.8	5.1	2.1	3.0	0.0
55°	9.7	8.9	7.5	6.2	2.9	3.3	0.0
52.5°	9.7	9.7	8.1	7.2	3.7	3.6	0.0
50°	9.7	9.7	8.6	8.3	4.4	3.8	0.0
47.5°	9.7	9.7	9.0	9.2	5.0	4.1	0.0
45°	9.7	9.7	9.3	9.4	5.7	4.4	0.0
42.5°	9.7	9.7	9.6	9.6	6.2	4.7	0.0
40°	9.7	9.7	9.7	9.7	6.8	5.0	0.0
37.5°	9.7	9.7	9.7	9.7	7.3	5.4	0.0
35°	9.7	9.7	9.7	9.7	7.7	5.7	0.0
32.5°	10.0	9.7	9.7	9.7	8.1	6.0	0.0
30°	11.0	9.7	9.7	9.7	8.4	6.3	0.0
27.5°	12.1	9.7	9.7	9.7	8.7	6.6	0.0
25°	13.2	9.7	9.7	9.7	8.9	6.9	0.0
22.5°	14.4	9.9	9.7	9.7	9.1	7.2	0.0
20°	15.7	10.6	9.7	9.7	9.3	7.6	0.0
17.5°	17.4	11.5	9.7	9.7	9.4	7.9	0.0
15°	19.4	12.5	9.7	9.7	9.5	8.2	0.0
12.5°	21.3	13.5	9.7	9.7	9.6	8.4	0.0
10°	23.0	14.7	9.7	9.7	9.6	8.7	0.0
7.5°	24.7	15.9	9.7	9.7	9.7	9.0	0.0
5°	26.3	17.1	9.7	9.7	9.7	9.2	0.0
2.5°	27.7	18.3	9.7	9.7	9.7	9.5	0.0
0°	29.1	19.4	9.7	9.7	9.7	9.7	0.0
-2.5°	31.6	20.4	10.6	9.7	9.7	9.7	0.0
-5°	34.0	21.4	11.4	9.7	9.7	9.7	0.0
-7.5°	36.2	22.2	12.2	9.7	9.7	9.6	0.0
-10°	38.0	22.9	12.9	9.7	9.7	9.6	0.0
-12.5°	39.6	23.6	13.5	9.7	9.7	9.5	0.0
-15°	40.9	24.1	14.1	9.7	9.7	9.4	0.0
-17.5°	41.7	24.5	14.5	9.7	9.7	9.3	0.0
-20°	42.2	24.8	14.8	9.7	9.7	9.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	42.8	25.1	14.9	9.7	9.7	9.0	0.0
-25°	43.0	25.7	14.8	9.7	9.7	8.8	0.0
-27.5°	43.1	26.4	14.6	9.7	9.7	8.6	0.0
-30°	42.8	26.8	14.3	9.7	9.7	8.4	0.0
-32.5°	42.3	27.0	14.2	9.7	9.7	8.2	0.0
-35°	42.2	26.9	14.0	9.7	9.7	7.9	0.0
-37.5°	42.0	26.7	13.7	9.7	9.7	7.7	0.0
-40°	41.5	26.1	13.2	9.7	9.7	7.4	0.0
-42.5°	40.6	25.3	13.1	9.8	9.7	7.2	0.0
-45°	39.4	24.3	13.4	10.0	9.7	6.9	0.0
-47.5°	37.8	23.0	13.7	10.2	9.7	6.6	0.0
-50°	35.9	21.5	13.8	10.4	9.7	6.2	0.0
-52.5°	33.6	19.8	13.8	10.5	9.7	5.9	0.0
-55°	31.0	19.2	13.7	10.5	9.7	5.6	0.0
-57.5°	28.1	18.8	13.5	10.5	9.7	5.2	0.0
-60°	25.1	18.2	13.2	10.4	9.7	4.8	0.0
-62.5°	23.9	17.4	12.9	10.3	8.9	4.5	0.0
-65°	22.4	16.5	12.4	10.2	8.2	4.1	0.0
-67.5°	20.7	15.4	11.9	10.0	7.4	3.7	0.0
-70°	18.8	14.3	11.2	9.7	6.6	3.3	0.0
-72.5°	16.8	13.0	10.6	8.7	5.8	2.9	0.0
-75°	14.6	11.7	9.8	7.5	5.0	2.5	0.0
-77.5°	12.4	10.2	8.4	6.3	4.2	2.1	0.0
-80°	10.0	8.4	6.7	5.0	3.4	1.7	0.0
-82.5°	7.5	6.3	5.0	3.8	2.5	1.3	0.0
-85°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
-87.5°	2.5	2.1	1.7	1.3	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)