

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: P627829 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-740-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627829 (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-SA6B-740-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N145
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

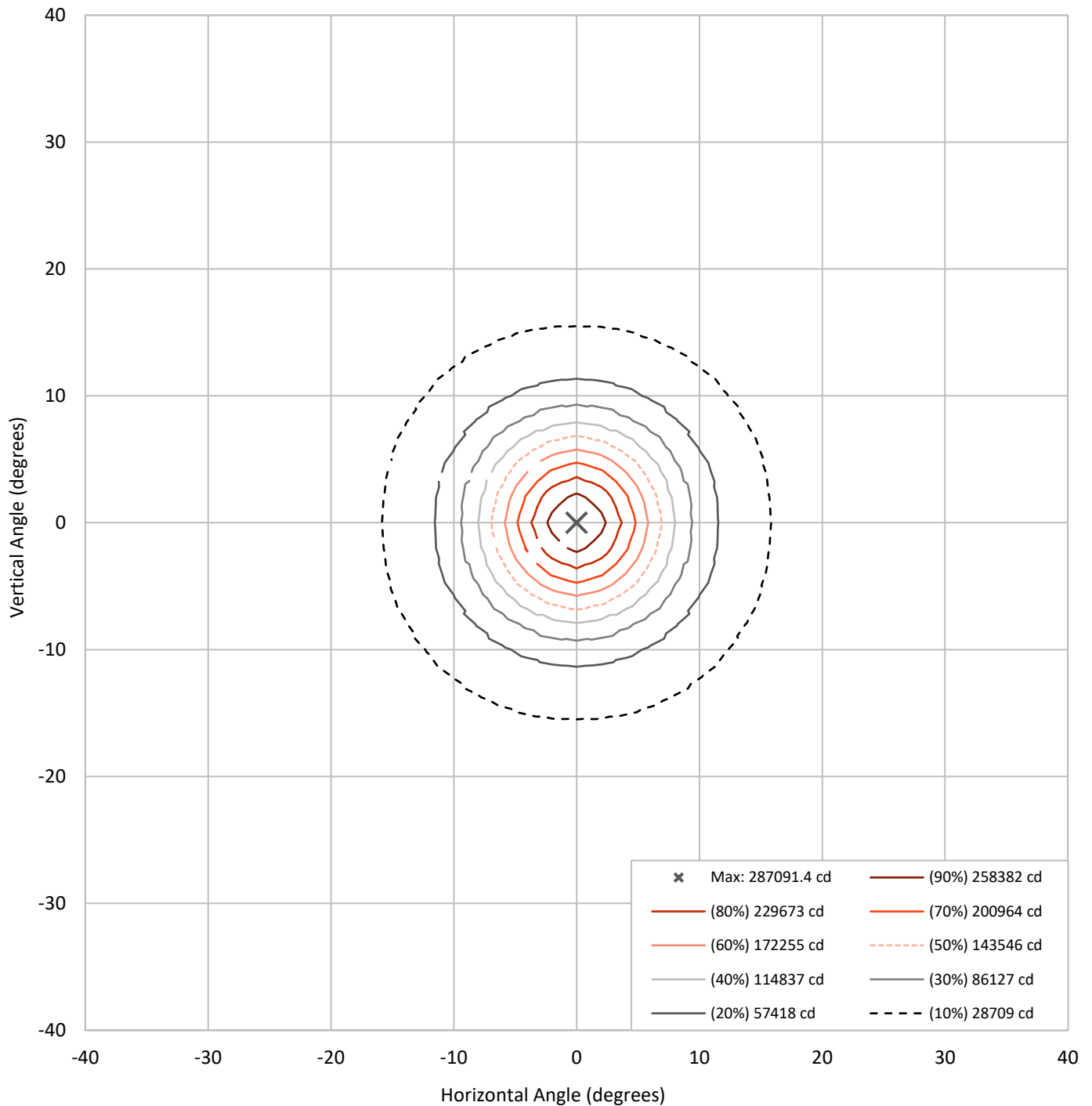
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	30484.9 lumens	Max Intensity:	287091.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	159.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	9013 lumens	Field Lumens:	20283 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	190.6		
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





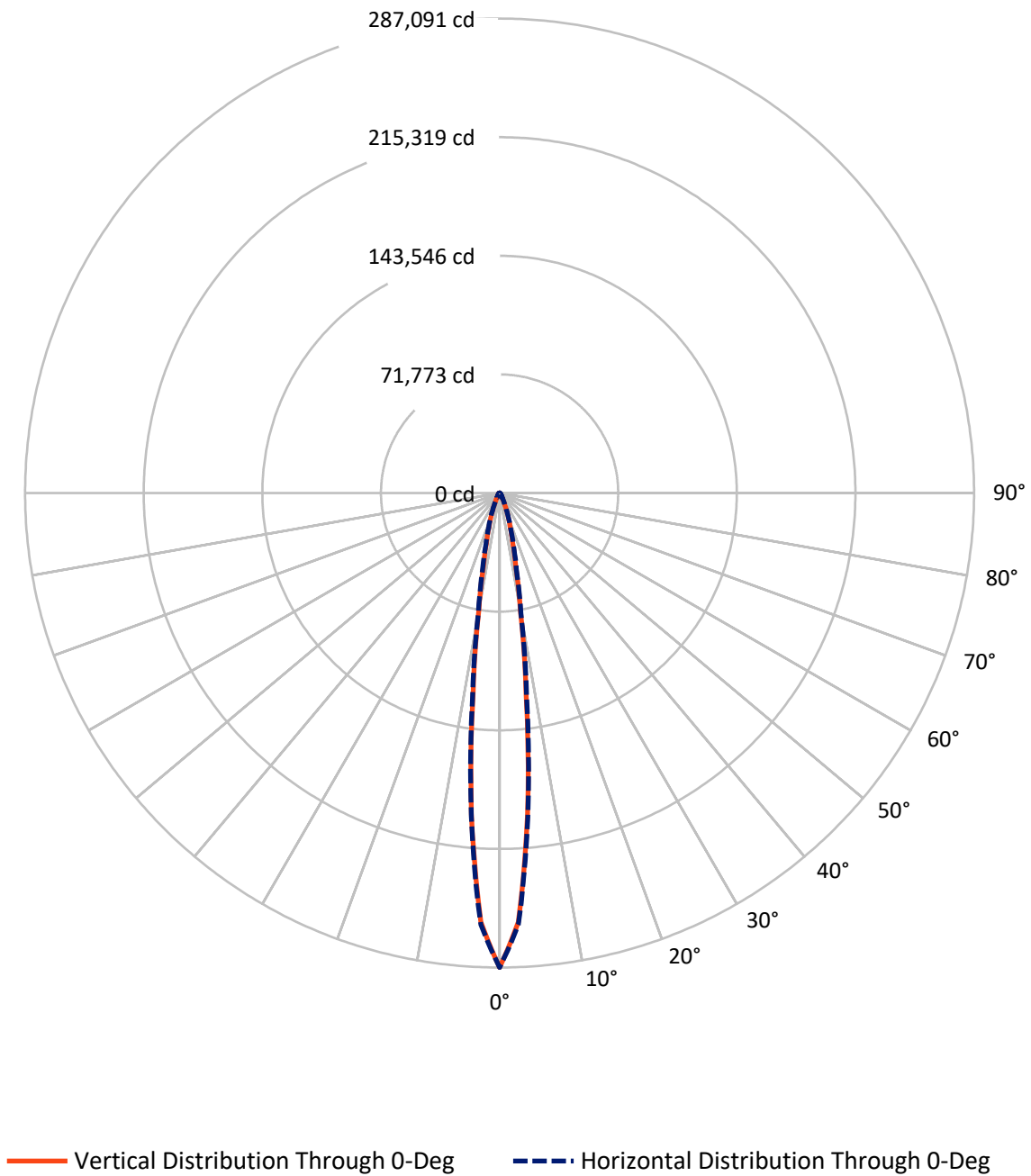
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Lumen Table

90	0.5	4.2	11.0	17.7	19.4	17.7	11.0	4.2	0.5							
80	0.5	4.2	11.0	17.7	19.4	17.7	11.0	4.2	0.5							
70	1.9	2.1	4.4	7.2	10.2	12.5	14.1	14.7	14.7	14.1	12.5	10.2	7.2	4.4	2.1	1.9
60		3.2	6.6	10.7	14.4	17.6	19.7	20.5	20.5	19.7	17.6	14.4	10.7	6.6	3.2	
50	3.3	4.2	8.6	13.2	17.6	22.1	26.1	28.1	28.1	26.1	22.1	17.6	13.2	8.6	4.2	3.3
40		5.1	10.1	15.3	21.7	31.2	43.9	54.4	54.4	43.9	31.2	21.7	15.3	10.1	5.1	
30	4.3	5.7	11.0	17.2	28.1	55.7	126.8	210.0	210.0	126.8	55.7	28.1	17.2	11.0	5.7	4.3
20		6.2	11.6	19.0	37.2	118.3	420.0	904.5	904.5	420.0	118.3	37.2	19.0	11.6	6.2	
10	4.6	6.4	11.8	20.2	45.0	194.9	913.0	3943.9	3943.9	913.0	194.9	45.0	20.2	11.8	6.4	4.6
0		6.4	11.8	20.2	45.0	194.9	913.0	3943.9	3943.9	913.0	194.9	45.0	20.2	11.8	6.4	
-10	4.3	6.2	11.6	19.0	37.2	118.3	420.0	904.5	904.5	420.0	118.3	37.2	19.0	11.6	6.2	4.3
-20		5.7	11.0	17.2	28.1	55.7	126.8	210.0	210.0	126.8	55.7	28.1	17.2	11.0	5.7	
-30	3.3	5.1	10.1	15.3	21.7	31.2	43.9	54.4	54.4	43.9	31.2	21.7	15.3	10.1	5.1	3.3
-40		4.2	8.6	13.2	17.6	22.1	26.1	28.1	28.1	26.1	22.1	17.6	13.2	8.6	4.2	
-50	1.9	3.2	6.6	10.7	14.4	17.6	19.7	20.5	20.5	19.7	17.6	14.4	10.7	6.6	3.2	1.9
-60		2.1	4.4	7.2	10.2	12.5	14.1	14.7	14.7	14.1	12.5	10.2	7.2	4.4	2.1	
-70	0.5	4.2	11.0	17.7	19.4	17.7	11.0	4.2	0.5							
-80		0.5	4.2	11.0	17.7	19.4	17.7	11.0	4.2	0.5						
-90	0.5	4.2	11.0	17.7	19.4	17.7	11.0	4.2	0.5							

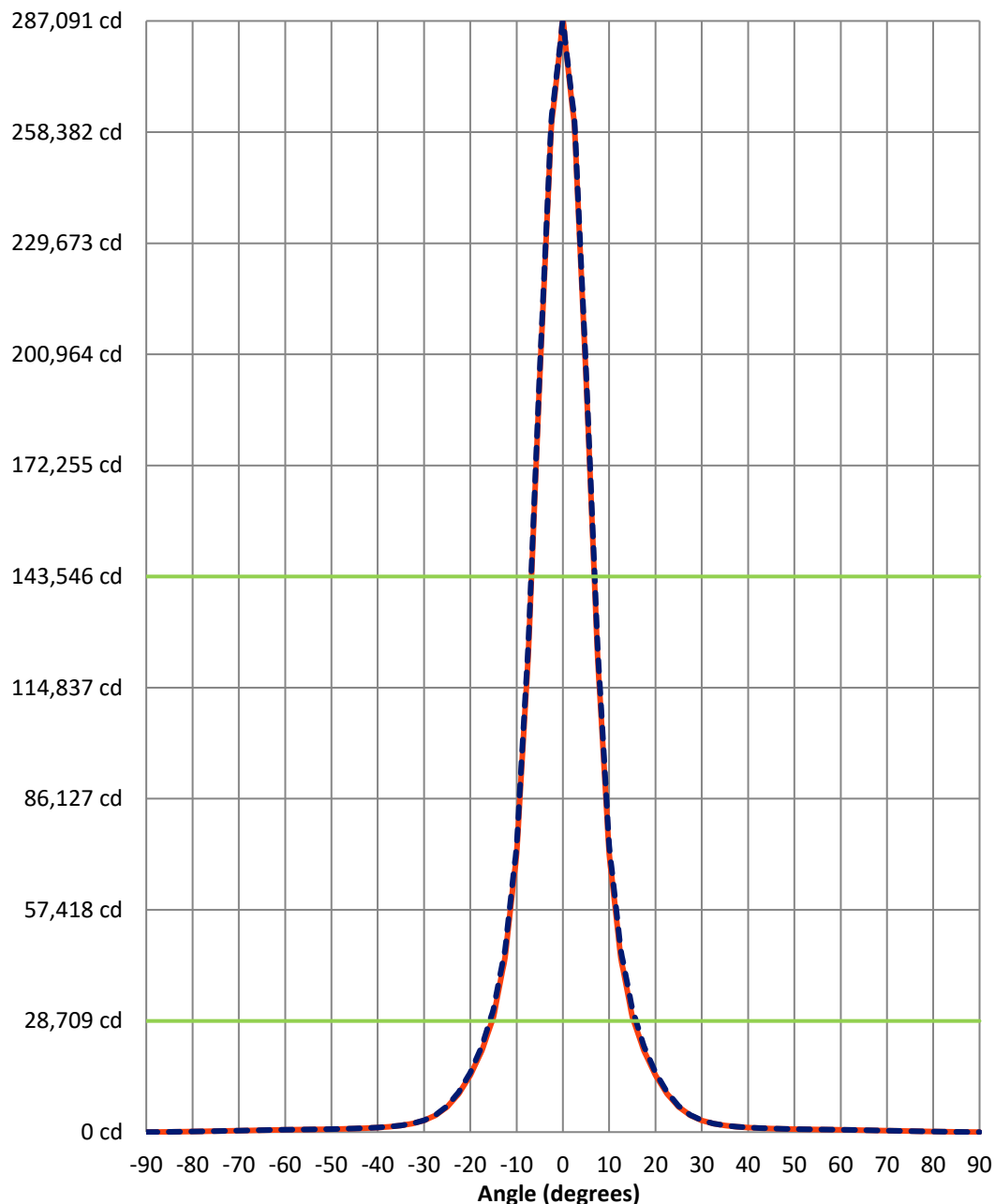
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 9013
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 20283
 Efficiency: 66.5%

Spill:
 Lumens: 10201.9
 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	0.9	2.1	3.2	4.3	5.3	6.4	7.4	8.4	9.4	10.4
85°	0.0	1.9	4.3	6.4	8.5	10.6	12.7	14.8	16.8	18.8	20.8
82.5°	0.0	2.8	6.4	9.6	12.8	15.9	19.0	22.1	25.5	30.0	34.4
80°	0.0	3.7	8.5	12.8	17.0	21.2	25.7	31.9	38.0	43.9	49.8
77.5°	0.0	4.6	10.6	15.9	21.2	27.2	35.0	42.8	50.4	57.8	65.8
75°	0.0	5.5	12.6	19.0	25.6	34.6	44.2	53.6	62.9	73.3	83.6
72.5°	0.0	6.4	14.6	22.1	31.2	41.9	53.3	64.7	77.1	89.2	101.2
70°	0.0	7.3	16.6	25.4	36.7	49.0	62.3	77.1	91.1	105.0	120.6
67.5°	0.0	8.2	18.5	29.2	42.1	55.9	72.6	89.2	105.0	122.7	140.2
65°	0.0	9.0	20.3	33.0	47.3	63.6	82.7	101.2	120.6	140.2	160.7
62.5°	0.0	9.8	22.1	36.8	52.5	71.8	92.6	114.1	135.8	158.0	183.8
60°	0.0	10.6	23.8	40.4	57.4	79.9	102.3	127.2	150.8	177.8	206.3
57.5°	0.0	11.3	26.0	43.8	63.6	87.7	112.9	139.9	167.1	197.0	227.9
55°	0.0	12.0	28.2	47.2	69.7	95.3	123.4	152.1	183.4	215.6	248.8
52.5°	0.0	12.7	30.3	50.4	75.6	102.9	133.5	165.3	199.0	233.4	268.9
50°	0.0	13.4	32.3	53.5	81.3	111.1	143.4	178.2	213.9	250.4	288.1
47.5°	0.0	14.0	34.3	56.7	86.8	118.9	153.0	190.7	228.2	266.6	307.0
45°	0.0	14.6	36.3	60.7	92.0	126.5	163.2	202.7	241.9	283.1	325.3
42.5°	0.0	15.2	38.2	64.4	97.0	133.7	173.0	214.1	255.0	299.2	343.2
40°	0.0	15.7	39.9	68.1	102.1	140.6	182.3	225.1	267.9	314.7	360.6
37.5°	0.0	16.1	41.7	71.6	107.3	147.1	191.2	235.4	280.8	329.2	377.5
35°	0.0	16.6	43.3	75.0	112.2	153.7	199.5	245.2	292.8	342.9	393.7
32.5°	0.0	17.0	44.8	78.1	116.8	160.2	207.3	254.3	303.8	355.7	407.8
30°	0.0	17.3	46.3	81.0	121.0	166.2	214.6	262.9	313.9	367.6	420.7
27.5°	0.0	17.7	47.7	83.8	125.2	171.8	221.3	271.1	323.2	378.5	432.2
25°	0.0	17.9	49.0	86.3	129.0	176.9	227.5	278.5	332.0	388.1	442.4
22.5°	0.0	18.2	50.1	88.5	132.5	181.5	233.0	285.0	339.9	396.4	451.3
20°	0.0	18.4	51.2	90.6	135.6	185.5	238.0	290.7	347.0	403.6	459.3
17.5°	0.0	18.5	52.1	92.4	138.4	188.9	242.1	295.6	353.1	409.7	466.4
15°	0.0	18.6	53.0	94.0	140.8	191.7	245.5	300.0	358.2	414.6	472.5
12.5°	0.0	18.7	53.7	95.3	142.9	193.9	248.2	304.0	362.6	418.4	477.6
10°	0.0	18.7	54.3	96.4	144.6	195.5	250.3	307.4	365.9	422.5	482.5
7.5°	0.0	18.7	54.8	97.3	145.9	196.6	251.7	310.1	368.2	425.9	488.2
5°	0.0	18.7	55.1	97.9	146.8	197.2	252.5	312.1	369.5	428.5	492.7
2.5°	0.0	18.6	55.3	98.3	147.4	197.2	252.7	313.3	369.8	430.1	496.1
0°	0.0	18.5	55.4	98.4	147.6	196.8	252.2	313.7	369.1	430.6	498.2
-2.5°	0.0	18.6	55.3	98.3	147.4	197.2	252.7	313.3	369.8	430.1	496.1
-5°	0.0	18.7	55.1	97.9	146.8	197.2	252.5	312.1	369.5	428.5	492.7
-7.5°	0.0	18.7	54.8	97.3	145.9	196.6	251.7	310.1	368.2	425.9	488.2
-10°	0.0	18.7	54.3	96.4	144.6	195.5	250.3	307.4	365.9	422.5	482.5
-12.5°	0.0	18.7	53.7	95.3	142.9	193.9	248.2	304.0	362.6	418.4	477.6
-15°	0.0	18.6	53.0	94.0	140.8	191.7	245.5	300.0	358.2	414.6	472.5
-17.5°	0.0	18.5	52.1	92.4	138.4	188.9	242.1	295.6	353.1	409.7	466.4
-20°	0.0	18.4	51.2	90.6	135.6	185.5	238.0	290.7	347.0	403.6	459.3

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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	18.2	50.1	88.5	132.5	181.5	233.0	285.0	339.9	396.4	451.3
-25°	0.0	17.9	49.0	86.3	129.0	176.9	227.5	278.5	332.0	388.1	442.4
-27.5°	0.0	17.7	47.7	83.8	125.2	171.8	221.3	271.1	323.2	378.5	432.2
-30°	0.0	17.3	46.3	81.0	121.0	166.2	214.6	262.9	313.9	367.6	420.7
-32.5°	0.0	17.0	44.8	78.1	116.8	160.2	207.3	254.3	303.8	355.7	407.8
-35°	0.0	16.6	43.3	75.0	112.2	153.7	199.5	245.2	292.8	342.9	393.7
-37.5°	0.0	16.1	41.7	71.6	107.3	147.1	191.2	235.4	280.8	329.2	377.5
-40°	0.0	15.7	39.9	68.1	102.1	140.6	182.3	225.1	267.9	314.7	360.6
-42.5°	0.0	15.2	38.2	64.4	97.0	133.7	173.0	214.1	255.0	299.2	343.2
-45°	0.0	14.6	36.3	60.7	92.0	126.5	163.2	202.7	241.9	283.1	325.3
-47.5°	0.0	14.0	34.3	56.7	86.8	118.9	153.0	190.7	228.2	266.6	307.0
-50°	0.0	13.4	32.3	53.5	81.3	111.1	143.4	178.2	213.9	250.4	288.1
-52.5°	0.0	12.7	30.3	50.4	75.6	102.9	133.5	165.3	199.0	233.4	268.9
-55°	0.0	12.0	28.2	47.2	69.7	95.3	123.4	152.1	183.4	215.6	248.8
-57.5°	0.0	11.3	26.0	43.8	63.6	87.7	112.9	139.9	167.1	197.0	227.9
-60°	0.0	10.6	23.8	40.4	57.4	79.9	102.3	127.2	150.8	177.8	206.3
-62.5°	0.0	9.8	22.1	36.8	52.5	71.8	92.6	114.1	135.8	158.0	183.8
-65°	0.0	9.0	20.3	33.0	47.3	63.6	82.7	101.2	120.6	140.2	160.7
-67.5°	0.0	8.2	18.5	29.2	42.1	55.9	72.6	89.2	105.0	122.7	140.2
-70°	0.0	7.3	16.6	25.4	36.7	49.0	62.3	77.1	91.1	105.0	120.6
-72.5°	0.0	6.4	14.6	22.1	31.2	41.9	53.3	64.7	77.1	89.2	101.2
-75°	0.0	5.5	12.6	19.0	25.6	34.6	44.2	53.6	62.9	73.3	83.6
-77.5°	0.0	4.6	10.6	15.9	21.2	27.2	35.0	42.8	50.4	57.8	65.8
-80°	0.0	3.7	8.5	12.8	17.0	21.2	25.7	31.9	38.0	43.9	49.8
-82.5°	0.0	2.8	6.4	9.6	12.8	15.9	19.0	22.1	25.5	30.0	34.4
-85°	0.0	1.9	4.3	6.4	8.5	10.6	12.7	14.8	16.8	18.8	20.8
-87.5°	0.0	0.9	2.1	3.2	4.3	5.3	6.4	7.4	8.4	9.4	10.4
-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°	11.4	12.3	13.2	14.1	15.0	15.8	16.6	17.4	18.1	18.8	19.5
85°	22.7	24.6	27.3	30.0	32.3	34.3	35.9	37.4	39.9	42.5	45.3
82.5°	38.7	42.9	47.1	51.1	53.8	56.1	58.2	61.4	66.8	72.0	76.7
80°	55.6	61.2	67.6	73.8	79.2	84.6	90.1	95.9	101.8	107.4	112.8
77.5°	74.2	82.4	90.4	98.2	106.0	114.4	122.5	130.3	137.7	144.8	151.6
75°	93.6	103.5	114.3	125.0	135.4	145.5	155.4	165.9	175.9	185.6	194.7
72.5°	114.1	127.2	140.0	152.5	165.9	179.1	191.9	204.2	216.1	228.7	241.9
70°	135.8	150.8	167.4	183.4	198.4	214.2	230.0	243.5	256.5	273.8	291.4
67.5°	158.1	178.4	197.2	215.2	235.3	253.8	269.9	287.2	305.6	325.5	343.0
65°	184.5	206.5	228.3	251.1	274.3	293.6	313.8	335.1	356.0	375.9	394.9
62.5°	210.5	235.3	260.5	285.3	309.2	332.3	356.6	380.5	403.4	426.5	446.9
60°	235.6	263.7	290.3	316.2	343.3	372.1	399.0	425.4	452.9	479.1	492.7
57.5°	259.8	289.9	317.6	346.8	378.5	411.1	439.3	469.2	492.7	510.9	528.6
55°	282.6	313.8	344.3	377.0	411.5	445.3	476.8	503.4	525.1	541.8	560.6
52.5°	303.9	336.9	370.0	405.7	442.3	478.4	511.3	536.2	555.8	572.9	590.5
50°	324.8	359.4	394.4	433.7	472.9	511.2	543.5	566.3	584.8	602.2	620.3
47.5°	345.4	381.7	419.4	461.2	503.7	540.7	571.3	592.1	610.8	631.3	651.2
45°	365.5	404.8	444.8	489.7	532.4	568.0	594.0	614.9	638.0	660.2	681.4
42.5°	385.2	427.6	471.0	517.5	558.7	590.9	615.2	639.9	664.7	688.3	712.3
40°	405.1	449.5	495.5	541.7	583.2	611.0	636.7	663.3	690.6	716.3	742.9
37.5°	424.1	470.2	517.5	564.2	602.0	630.1	656.8	686.1	714.9	743.0	777.6
35°	442.2	488.9	536.6	581.9	618.2	647.3	677.1	708.0	738.3	774.5	814.0
32.5°	458.4	505.8	554.1	596.3	631.8	663.3	696.6	729.0	765.3	806.3	853.7
30°	472.1	520.5	569.0	610.2	644.9	678.2	714.4	750.1	792.5	841.9	898.2
27.5°	484.1	533.7	580.9	622.1	657.4	690.5	728.7	773.6	822.4	877.8	944.0
25°	495.3	547.1	592.1	633.0	667.4	702.0	742.9	792.6	851.3	917.9	998.9
22.5°	505.8	559.9	603.5	643.4	675.2	712.6	758.6	812.7	876.5	954.6	1053.2
20°	515.9	569.5	612.6	651.5	681.1	721.8	772.5	830.3	902.8	995.9	1110.0
17.5°	525.2	577.8	619.8	656.3	688.8	731.6	784.8	844.6	925.6	1033.4	1162.1
15°	533.7	584.7	625.5	660.3	695.7	741.9	797.6	862.4	950.8	1069.1	1208.3
12.5°	541.1	590.2	629.9	663.3	701.1	750.4	808.9	880.8	977.9	1104.3	1266.9
10°	547.5	594.5	633.0	665.4	705.2	756.8	818.4	895.9	999.6	1131.5	1311.9
7.5°	552.9	597.9	635.1	666.6	707.9	761.4	825.7	907.3	1014.7	1150.9	1344.5
5°	556.8	600.6	637.7	670.3	712.1	764.9	831.1	915.1	1023.6	1162.4	1364.7
2.5°	559.0	602.3	639.2	673.9	716.6	768.0	835.1	923.8	1030.8	1173.6	1380.2
0°	559.7	602.8	639.7	676.6	719.7	768.9	836.5	928.8	1033.4	1181.0	1390.1
-2.5°	559.0	602.3	639.2	673.9	716.6	768.0	835.1	923.8	1030.8	1173.6	1380.2
-5°	556.8	600.6	637.7	670.3	712.1	764.9	831.1	915.1	1023.6	1162.4	1364.7
-7.5°	552.9	597.9	635.1	666.6	707.9	761.4	825.7	907.3	1014.7	1150.9	1344.5
-10°	547.5	594.5	633.0	665.4	705.2	756.8	818.4	895.9	999.6	1131.5	1311.9
-12.5°	541.1	590.2	629.9	663.3	701.1	750.4	808.9	880.8	977.9	1104.3	1266.9
-15°	533.7	584.7	625.5	660.3	695.7	741.9	797.6	862.4	950.8	1069.1	1208.3
-17.5°	525.2	577.8	619.8	656.3	688.8	731.6	784.8	844.6	925.6	1033.4	1162.1
-20°	515.9	569.5	612.6	651.5	681.1	721.8	772.5	830.3	902.8	995.9	1110.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-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°	505.8	559.9	603.5	643.4	675.2	712.6	758.6	812.7	876.5	954.6	1053.2
-25°	495.3	547.1	592.1	633.0	667.4	702.0	742.9	792.6	851.3	917.9	998.9
-27.5°	484.1	533.7	580.9	622.1	657.4	690.5	728.7	773.6	822.4	877.8	944.0
-30°	472.1	520.5	569.0	610.2	644.9	678.2	714.4	750.1	792.5	841.9	898.2
-32.5°	458.4	505.8	554.1	596.3	631.8	663.3	696.6	729.0	765.3	806.3	853.7
-35°	442.2	488.9	536.6	581.9	618.2	647.3	677.1	708.0	738.3	774.5	814.0
-37.5°	424.1	470.2	517.5	564.2	602.0	630.1	656.8	686.1	714.9	743.0	777.6
-40°	405.1	449.5	495.5	541.7	583.2	611.0	636.7	663.3	690.6	716.3	742.9
-42.5°	385.2	427.6	471.0	517.5	558.7	590.9	615.2	639.9	664.7	688.3	712.3
-45°	365.5	404.8	444.8	489.7	532.4	568.0	594.0	614.9	638.0	660.2	681.4
-47.5°	345.4	381.7	419.4	461.2	503.7	540.7	571.3	592.1	610.8	631.3	651.2
-50°	324.8	359.4	394.4	433.7	472.9	511.2	543.5	566.3	584.8	602.2	620.3
-52.5°	303.9	336.9	370.0	405.7	442.3	478.4	511.3	536.2	555.8	572.9	590.5
-55°	282.6	313.8	344.3	377.0	411.5	445.3	476.8	503.4	525.1	541.8	560.6
-57.5°	259.8	289.9	317.6	346.8	378.5	411.1	439.3	469.2	492.7	510.9	528.6
-60°	235.6	263.7	290.3	316.2	343.3	372.1	399.0	425.4	452.9	479.1	492.7
-62.5°	210.5	235.3	260.5	285.3	309.2	332.3	356.6	380.5	403.4	426.5	446.9
-65°	184.5	206.5	228.3	251.1	274.3	293.6	313.8	335.1	356.0	375.9	394.9
-67.5°	158.1	178.4	197.2	215.2	235.3	253.8	269.9	287.2	305.6	325.5	343.0
-70°	135.8	150.8	167.4	183.4	198.4	214.2	230.0	243.5	256.5	273.8	291.4
-72.5°	114.1	127.2	140.0	152.5	165.9	179.1	191.9	204.2	216.1	228.7	241.9
-75°	93.6	103.5	114.3	125.0	135.4	145.5	155.4	165.9	175.9	185.6	194.7
-77.5°	74.2	82.4	90.4	98.2	106.0	114.4	122.5	130.3	137.7	144.8	151.6
-80°	55.6	61.2	67.6	73.8	79.2	84.6	90.1	95.9	101.8	107.4	112.8
-82.5°	38.7	42.9	47.1	51.1	53.8	56.1	58.2	61.4	66.8	72.0	76.7
-85°	22.7	24.6	27.3	30.0	32.3	34.3	35.9	37.4	39.9	42.5	45.3
-87.5°	11.4	12.3	13.2	14.1	15.0	15.8	16.6	17.4	18.1	18.8	19.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627829 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-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°	20.1	20.7	21.3	21.8	22.3	22.7	23.1	23.5	23.8	22.5	21.2
85°	48.1	49.9	51.6	53.1	54.6	55.9	57.0	58.1	59.0	58.2	57.3
82.5°	81.0	84.3	87.2	89.9	92.4	94.7	96.8	98.6	100.2	100.0	99.6
80°	117.9	123.2	128.5	133.7	138.9	142.0	144.3	146.0	147.1	147.7	147.8
77.5°	158.5	166.6	175.1	183.5	191.7	196.4	199.8	202.6	204.9	205.3	204.9
75°	203.4	213.9	225.5	235.7	244.5	249.9	253.6	256.8	259.4	260.0	259.7
72.5°	255.6	268.6	279.0	287.6	295.1	300.9	305.6	309.6	312.8	314.2	314.4
70°	307.0	319.9	329.8	338.5	345.8	351.8	357.4	362.3	366.2	369.2	371.3
67.5°	359.1	373.8	383.9	391.8	398.0	404.3	411.8	418.3	423.8	427.4	429.3
65°	412.6	427.7	437.5	446.1	453.7	461.7	470.0	476.2	480.2	482.7	484.3
62.5°	464.3	478.4	490.8	502.2	513.2	522.3	528.0	533.1	537.5	541.2	544.0
60°	508.7	526.8	540.6	551.5	562.2	572.6	579.6	585.2	589.5	592.7	594.7
57.5°	546.7	565.0	581.3	591.9	603.6	616.0	624.2	628.8	633.1	636.8	638.5
55°	579.9	596.8	611.8	626.4	639.4	650.6	659.2	665.5	670.8	675.0	676.4
52.5°	609.7	628.1	645.8	661.3	674.1	684.7	693.3	701.1	707.1	711.1	712.9
50°	641.0	660.9	679.8	696.7	709.8	721.8	732.5	741.7	750.6	757.6	762.6
47.5°	671.9	693.1	713.9	732.5	748.3	765.6	781.2	794.3	807.2	817.6	824.8
45°	703.0	727.4	750.1	774.0	795.4	818.1	839.3	857.4	876.1	890.2	899.7
42.5°	737.6	765.3	792.5	822.4	851.6	881.2	913.1	941.6	963.6	984.3	1001.1
40°	774.5	806.3	841.9	878.5	921.5	960.6	1003.5	1040.4	1073.7	1108.9	1136.9
37.5°	814.0	853.7	900.5	949.5	1005.1	1058.5	1114.6	1169.7	1217.8	1274.5	1317.8
35°	857.7	910.7	968.2	1034.4	1103.7	1180.3	1257.0	1345.6	1421.8	1505.7	1578.8
32.5°	909.3	972.6	1048.0	1135.4	1224.5	1340.6	1449.1	1590.2	1712.1	1845.2	1979.3
30°	962.5	1045.1	1142.5	1252.6	1394.2	1553.9	1731.8	1941.7	2158.0	2367.4	2619.9
27.5°	1028.3	1128.0	1246.0	1406.9	1615.2	1831.0	2137.1	2452.1	2849.7	3178.6	3642.4
25°	1096.7	1214.0	1381.7	1600.6	1872.4	2247.0	2711.4	3214.8	3914.5	4529.2	5250.2
22.5°	1171.1	1329.6	1538.2	1808.3	2220.5	2795.5	3498.7	4446.4	5478.4	6574.1	7664.0
20°	1248.7	1440.4	1713.9	2105.4	2671.0	3449.7	4657.0	6120.0	7594.3	9402.2	11003.1
17.5°	1338.6	1582.6	1919.5	2409.1	3163.9	4356.7	6031.6	8074.1	10361.3	12960.7	15268.6
15°	1413.4	1704.3	2129.6	2814.6	3852.7	5384.5	7496.7	10306.5	13743.6	17234.6	20776.5
12.5°	1500.3	1836.8	2336.3	3153.1	4456.8	6492.7	9367.7	12924.1	17216.6	22058.9	27767.1
10°	1577.4	1966.9	2587.9	3598.8	5192.2	7648.4	11137.6	15416.1	20955.8	27922.6	36762.4
7.5°	1634.6	2070.4	2782.0	3938.1	5827.9	8759.5	12809.8	18145.1	25184.1	34383.8	46515.7
5°	1671.7	2145.3	2919.4	4199.9	6325.4	9586.5	14035.3	20080.7	28572.7	41584.1	62127.9
2.5°	1693.9	2189.7	2997.8	4353.4	6628.1	10134.4	14967.7	21544.3	30768.8	46033.8	72169.4
0°	1703.8	2202.1	3044.7	4434.9	6729.2	10346.0	15395.9	22211.2	31751.4	47073.5	73934.9
-2.5°	1693.9	2189.7	2997.8	4353.4	6628.1	10134.4	14967.7	21544.3	30768.8	46033.8	72169.4
-5°	1671.7	2145.3	2919.4	4199.9	6325.4	9586.5	14035.3	20080.7	28572.7	41584.1	62127.9
-7.5°	1634.6	2070.4	2782.0	3938.1	5827.9	8759.5	12809.8	18145.1	25184.1	34383.8	46515.7
-10°	1577.4	1966.9	2587.9	3598.8	5192.2	7648.4	11137.6	15416.1	20955.8	27922.6	36762.4
-12.5°	1500.3	1836.8	2336.3	3153.1	4456.8	6492.7	9367.7	12924.1	17216.6	22058.9	27767.1
-15°	1413.4	1704.3	2129.6	2814.6	3852.7	5384.5	7496.7	10306.5	13743.6	17234.6	20776.5
-17.5°	1338.6	1582.6	1919.5	2409.1	3163.9	4356.7	6031.6	8074.1	10361.3	12960.7	15268.6
-20°	1248.7	1440.4	1713.9	2105.4	2671.0	3449.7	4657.0	6120.0	7594.3	9402.2	11003.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1171.1	1329.6	1538.2	1808.3	2220.5	2795.5	3498.7	4446.4	5478.4	6574.1	7664.0
-25°	1096.7	1214.0	1381.7	1600.6	1872.4	2247.0	2711.4	3214.8	3914.5	4529.2	5250.2
-27.5°	1028.3	1128.0	1246.0	1406.9	1615.2	1831.0	2137.1	2452.1	2849.7	3178.6	3642.4
-30°	962.5	1045.1	1142.5	1252.6	1394.2	1553.9	1731.8	1941.7	2158.0	2367.4	2619.9
-32.5°	909.3	972.6	1048.0	1135.4	1224.5	1340.6	1449.1	1590.2	1712.1	1845.2	1979.3
-35°	857.7	910.7	968.2	1034.4	1103.7	1180.3	1257.0	1345.6	1421.8	1505.7	1578.8
-37.5°	814.0	853.7	900.5	949.5	1005.1	1058.5	1114.6	1169.7	1217.8	1274.5	1317.8
-40°	774.5	806.3	841.9	878.5	921.5	960.6	1003.5	1040.4	1073.7	1108.9	1136.9
-42.5°	737.6	765.3	792.5	822.4	851.6	881.2	913.1	941.6	963.6	984.3	1001.1
-45°	703.0	727.4	750.1	774.0	795.4	818.1	839.3	857.4	876.1	890.2	899.7
-47.5°	671.9	693.1	713.9	732.5	748.3	765.6	781.2	794.3	807.2	817.6	824.8
-50°	641.0	660.9	679.8	696.7	709.8	721.8	732.5	741.7	750.6	757.6	762.6
-52.5°	609.7	628.1	645.8	661.3	674.1	684.7	693.3	701.1	707.1	711.1	712.9
-55°	579.9	596.8	611.8	626.4	639.4	650.6	659.2	665.5	670.8	675.0	676.4
-57.5°	546.7	565.0	581.3	591.9	603.6	616.0	624.2	628.8	633.1	636.8	638.5
-60°	508.7	526.8	540.6	551.5	562.2	572.6	579.6	585.2	589.5	592.7	594.7
-62.5°	464.3	478.4	490.8	502.2	513.2	522.3	528.0	533.1	537.5	541.2	544.0
-65°	412.6	427.7	437.5	446.1	453.7	461.7	470.0	476.2	480.2	482.7	484.3
-67.5°	359.1	373.8	383.9	391.8	398.0	404.3	411.8	418.3	423.8	427.4	429.3
-70°	307.0	319.9	329.8	338.5	345.8	351.8	357.4	362.3	366.2	369.2	371.3
-72.5°	255.6	268.6	279.0	287.6	295.1	300.9	305.6	309.6	312.8	314.2	314.4
-75°	203.4	213.9	225.5	235.7	244.5	249.9	253.6	256.8	259.4	260.0	259.7
-77.5°	158.5	166.6	175.1	183.5	191.7	196.4	199.8	202.6	204.9	205.3	204.9
-80°	117.9	123.2	128.5	133.7	138.9	142.0	144.3	146.0	147.1	147.7	147.8
-82.5°	81.0	84.3	87.2	89.9	92.4	94.7	96.8	98.6	100.2	100.0	99.6
-85°	48.1	49.9	51.6	53.1	54.6	55.9	57.0	58.1	59.0	58.2	57.3
-87.5°	20.1	20.7	21.3	21.8	22.3	22.7	23.1	23.5	23.8	22.5	21.2
-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: P627829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-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°	19.9	18.4	18.5	18.5	18.5	18.4	19.9	21.2	22.5	23.8	23.5
85°	56.3	55.1	55.3	55.4	55.3	55.1	56.3	57.3	58.2	59.0	58.1
82.5°	98.9	97.9	98.3	98.4	98.3	97.9	98.9	99.6	100.0	100.2	98.6
80°	147.5	146.9	144.4	141.5	144.4	146.9	147.5	147.8	147.7	147.1	146.0
77.5°	203.8	202.1	199.7	196.8	199.7	202.1	203.8	204.9	205.3	204.9	202.6
75°	258.8	257.2	258.0	258.3	258.0	257.2	258.8	259.7	260.0	259.4	256.8
72.5°	313.8	312.5	313.3	313.7	313.3	312.5	313.8	314.4	314.2	312.8	309.6
70°	372.8	373.5	371.9	369.1	371.9	373.5	372.8	371.3	369.2	366.2	362.3
67.5°	429.8	429.1	427.3	424.4	427.3	429.1	429.8	429.3	427.4	423.8	418.3
65°	484.9	484.3	485.3	485.9	485.3	484.3	484.9	484.3	482.7	480.2	476.2
62.5°	545.4	545.4	544.1	541.3	544.1	545.4	545.4	544.0	541.2	537.5	533.1
60°	595.5	595.1	593.4	590.5	593.4	595.1	595.5	594.7	592.7	589.5	585.2
57.5°	639.1	638.4	636.6	633.6	636.6	638.4	639.1	638.5	636.8	633.1	628.8
55°	676.6	675.7	673.7	670.5	673.7	675.7	676.6	676.4	675.0	670.8	665.5
52.5°	713.4	712.6	712.8	713.5	712.8	712.6	713.4	712.9	711.1	707.1	701.1
50°	765.7	766.7	765.8	762.7	765.8	766.7	765.7	762.6	757.6	750.6	741.7
47.5°	828.3	828.7	827.2	824.2	827.2	828.7	828.3	824.8	817.6	807.2	794.3
45°	907.2	911.6	912.8	910.3	912.8	911.6	907.2	899.7	890.2	876.1	857.4
42.5°	1014.0	1020.9	1023.0	1021.1	1023.0	1020.9	1014.0	1001.1	984.3	963.6	941.6
40°	1154.2	1162.1	1163.6	1162.5	1163.6	1162.1	1154.2	1136.9	1108.9	1073.7	1040.4
37.5°	1348.2	1367.6	1376.8	1377.8	1376.8	1367.6	1348.2	1317.8	1274.5	1217.8	1169.7
35°	1634.5	1673.2	1693.8	1703.8	1693.8	1673.2	1634.5	1578.8	1505.7	1421.8	1345.6
32.5°	2081.0	2158.3	2201.1	2195.9	2201.1	2158.3	2081.0	1979.3	1845.2	1712.1	1590.2
30°	2810.2	2945.5	3013.5	2995.5	3013.5	2945.5	2810.2	2619.9	2367.4	2158.0	1941.7
27.5°	3975.4	4219.9	4361.2	4342.6	4361.2	4219.9	3975.4	3642.4	3178.6	2849.7	2452.1
25°	5852.8	6299.0	6584.6	6513.9	6584.6	6299.0	5852.8	5250.2	4529.2	3914.5	3214.8
22.5°	8708.8	9464.6	9964.8	9903.1	9964.8	9464.6	8708.8	7664.0	6574.1	5478.4	4446.4
20°	12626.3	13776.7	14598.2	14707.0	14598.2	13776.7	12626.3	11003.1	9402.2	7594.3	6120.0
17.5°	17761.5	19585.6	20855.2	21067.1	20855.2	19585.6	17761.5	15268.6	12960.7	10361.3	8074.1
15°	24435.4	27416.6	29574.3	29752.3	29574.3	27416.6	24435.4	20776.5	17234.6	13743.6	10306.5
12.5°	33497.5	39493.6	43407.0	45129.8	43407.0	39493.6	33497.5	27767.1	22058.9	17216.6	12924.1
10°	46038.9	59811.8	68632.2	71948.1	68632.2	59811.8	46038.9	36762.4	27922.6	20955.8	15416.1
7.5°	66987.0	88610.9	112650.8	122896.8	112650.8	88610.9	66987.0	46515.7	34383.8	25184.1	18145.1
5°	90709.0	135587.1	178274.2	194943.4	178274.2	135587.1	90709.0	62127.9	41584.1	28572.7	20080.7
2.5°	115670.6	178224.2	236841.7	259765.7	236841.7	178224.2	115670.6	72169.4	46033.8	30768.8	21544.3
0°	125418.8	196893.2	261386.4	287091.4	261386.4	196893.2	125418.8	73934.9	47073.5	31751.4	22211.2
-2.5°	115670.6	178224.2	236841.7	259765.7	236841.7	178224.2	115670.6	72169.4	46033.8	30768.8	21544.3
-5°	90709.0	135587.1	178274.2	194943.4	178274.2	135587.1	90709.0	62127.9	41584.1	28572.7	20080.7
-7.5°	66987.0	88610.9	112650.8	122896.8	112650.8	88610.9	66987.0	46515.7	34383.8	25184.1	18145.1
-10°	46038.9	59811.8	68632.2	71948.1	68632.2	59811.8	46038.9	36762.4	27922.6	20955.8	15416.1
-12.5°	33497.5	39493.6	43407.0	45129.8	43407.0	39493.6	33497.5	27767.1	22058.9	17216.6	12924.1
-15°	24435.4	27416.6	29574.3	29752.3	29574.3	27416.6	24435.4	20776.5	17234.6	13743.6	10306.5
-17.5°	17761.5	19585.6	20855.2	21067.1	20855.2	19585.6	17761.5	15268.6	12960.7	10361.3	8074.1
-20°	12626.3	13776.7	14598.2	14707.0	14598.2	13776.7	12626.3	11003.1	9402.2	7594.3	6120.0



REPORT NUMBER: P627829 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-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°	8708.8	9464.6	9964.8	9903.1	9964.8	9464.6	8708.8	7664.0	6574.1	5478.4	4446.4
-25°	5852.8	6299.0	6584.6	6513.9	6584.6	6299.0	5852.8	5250.2	4529.2	3914.5	3214.8
-27.5°	3975.4	4219.9	4361.2	4342.6	4361.2	4219.9	3975.4	3642.4	3178.6	2849.7	2452.1
-30°	2810.2	2945.5	3013.5	2995.5	3013.5	2945.5	2810.2	2619.9	2367.4	2158.0	1941.7
-32.5°	2081.0	2158.3	2201.1	2195.9	2201.1	2158.3	2081.0	1979.3	1845.2	1712.1	1590.2
-35°	1634.5	1673.2	1693.8	1703.8	1693.8	1673.2	1634.5	1578.8	1505.7	1421.8	1345.6
-37.5°	1348.2	1367.6	1376.8	1377.8	1376.8	1367.6	1348.2	1317.8	1274.5	1217.8	1169.7
-40°	1154.2	1162.1	1163.6	1162.5	1163.6	1162.1	1154.2	1136.9	1108.9	1073.7	1040.4
-42.5°	1014.0	1020.9	1023.0	1021.1	1023.0	1020.9	1014.0	1001.1	984.3	963.6	941.6
-45°	907.2	911.6	912.8	910.3	912.8	911.6	907.2	899.7	890.2	876.1	857.4
-47.5°	828.3	828.7	827.2	824.2	827.2	828.7	828.3	824.8	817.6	807.2	794.3
-50°	765.7	766.7	765.8	762.7	765.8	766.7	765.7	762.6	757.6	750.6	741.7
-52.5°	713.4	712.6	712.8	713.5	712.8	712.6	713.4	712.9	711.1	707.1	701.1
-55°	676.6	675.7	673.7	670.5	673.7	675.7	676.6	676.4	675.0	670.8	665.5
-57.5°	639.1	638.4	636.6	633.6	636.6	638.4	639.1	638.5	636.8	633.1	628.8
-60°	595.5	595.1	593.4	590.5	593.4	595.1	595.5	594.7	592.7	589.5	585.2
-62.5°	545.4	545.4	544.1	541.3	544.1	545.4	545.4	544.0	541.2	537.5	533.1
-65°	484.9	484.3	485.3	485.9	485.3	484.3	484.9	484.3	482.7	480.2	476.2
-67.5°	429.8	429.1	427.3	424.4	427.3	429.1	429.8	429.3	427.4	423.8	418.3
-70°	372.8	373.5	371.9	369.1	371.9	373.5	372.8	371.3	369.2	366.2	362.3
-72.5°	313.8	312.5	313.3	313.7	313.3	312.5	313.8	314.4	314.2	312.8	309.6
-75°	258.8	257.2	258.0	258.3	258.0	257.2	258.8	259.7	260.0	259.4	256.8
-77.5°	203.8	202.1	199.7	196.8	199.7	202.1	203.8	204.9	205.3	204.9	202.6
-80°	147.5	146.9	144.4	141.5	144.4	146.9	147.5	147.8	147.7	147.1	146.0
-82.5°	98.9	97.9	98.3	98.4	98.3	97.9	98.9	99.6	100.0	100.2	98.6
-85°	56.3	55.1	55.3	55.4	55.3	55.1	56.3	57.3	58.2	59.0	58.1
-87.5°	19.9	18.4	18.5	18.5	18.5	18.4	19.9	21.2	22.5	23.8	23.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627829 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-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°	23.1	22.7	22.3	21.8	21.3	20.7	20.1	19.5	18.8	18.1	17.4
85°	57.0	55.9	54.6	53.1	51.6	49.9	48.1	45.3	42.5	39.9	37.4
82.5°	96.8	94.7	92.4	89.9	87.2	84.3	81.0	76.7	72.0	66.8	61.4
80°	144.3	142.0	138.9	133.7	128.5	123.2	117.9	112.8	107.4	101.8	95.9
77.5°	199.8	196.4	191.7	183.5	175.1	166.6	158.5	151.6	144.8	137.7	130.3
75°	253.6	249.9	244.5	235.7	225.5	213.9	203.4	194.7	185.6	175.9	165.9
72.5°	305.6	300.9	295.1	287.6	279.0	268.6	255.6	241.9	228.7	216.1	204.2
70°	357.4	351.8	345.8	338.5	329.8	319.9	307.0	291.4	273.8	256.5	243.5
67.5°	411.8	404.3	398.0	391.8	383.9	373.8	359.1	343.0	325.5	305.6	287.2
65°	470.0	461.7	453.7	446.1	437.5	427.7	412.6	394.9	375.9	356.0	335.1
62.5°	528.0	522.3	513.2	502.2	490.8	478.4	464.3	446.9	426.5	403.4	380.5
60°	579.6	572.6	562.2	551.5	540.6	526.8	508.7	492.7	479.1	452.9	425.4
57.5°	624.2	616.0	603.6	591.9	581.3	565.0	546.7	528.6	510.9	492.7	469.2
55°	659.2	650.6	639.4	626.4	611.8	596.8	579.9	560.6	541.8	525.1	503.4
52.5°	693.3	684.7	674.1	661.3	645.8	628.1	609.7	590.5	572.9	555.8	536.2
50°	732.5	721.8	709.8	696.7	679.8	660.9	641.0	620.3	602.2	584.8	566.3
47.5°	781.2	765.6	748.3	732.5	713.9	693.1	671.9	651.2	631.3	610.8	592.1
45°	839.3	818.1	795.4	774.0	750.1	727.4	703.0	681.4	660.2	638.0	614.9
42.5°	913.1	881.2	851.6	822.4	792.5	765.3	737.6	712.3	688.3	664.7	639.9
40°	1003.5	960.6	921.5	878.5	841.9	806.3	774.5	742.9	716.3	690.6	663.3
37.5°	1114.6	1058.5	1005.1	949.5	900.5	853.7	814.0	777.6	743.0	714.9	686.1
35°	1257.0	1180.3	1103.7	1034.4	968.2	910.7	857.7	814.0	774.5	738.3	708.0
32.5°	1449.1	1340.6	1224.5	1135.4	1048.0	972.6	909.3	853.7	806.3	765.3	729.0
30°	1731.8	1553.9	1394.2	1252.6	1142.5	1045.1	962.5	898.2	841.9	792.5	750.1
27.5°	2137.1	1831.0	1615.2	1406.9	1246.0	1128.0	1028.3	944.0	877.8	822.4	773.6
25°	2711.4	2247.0	1872.4	1600.6	1381.7	1214.0	1096.7	998.9	917.9	851.3	792.6
22.5°	3498.7	2795.5	2220.5	1808.3	1538.2	1329.6	1171.1	1053.2	954.6	876.5	812.7
20°	4657.0	3449.7	2671.0	2105.4	1713.9	1440.4	1248.7	1110.0	995.9	902.8	830.3
17.5°	6031.6	4356.7	3163.9	2409.1	1919.5	1582.6	1338.6	1162.1	1033.4	925.6	844.6
15°	7496.7	5384.5	3852.7	2814.6	2129.6	1704.3	1413.4	1208.3	1069.1	950.8	862.4
12.5°	9367.7	6492.7	4456.8	3153.1	2336.3	1836.8	1500.3	1266.9	1104.3	977.9	880.8
10°	11137.6	7648.4	5192.2	3598.8	2587.9	1966.9	1577.4	1311.9	1131.5	999.6	895.9
7.5°	12809.8	8759.5	5827.9	3938.1	2782.0	2070.4	1634.6	1344.5	1150.9	1014.7	907.3
5°	14035.3	9586.5	6325.4	4199.9	2919.4	2145.3	1671.7	1364.7	1162.4	1023.6	915.1
2.5°	14967.7	10134.4	6628.1	4353.4	2997.8	2189.7	1693.9	1380.2	1173.6	1030.8	923.8
0°	15395.9	10346.0	6729.2	4434.9	3044.7	2202.1	1703.8	1390.1	1181.0	1033.4	928.8
-2.5°	14967.7	10134.4	6628.1	4353.4	2997.8	2189.7	1693.9	1380.2	1173.6	1030.8	923.8
-5°	14035.3	9586.5	6325.4	4199.9	2919.4	2145.3	1671.7	1364.7	1162.4	1023.6	915.1
-7.5°	12809.8	8759.5	5827.9	3938.1	2782.0	2070.4	1634.6	1344.5	1150.9	1014.7	907.3
-10°	11137.6	7648.4	5192.2	3598.8	2587.9	1966.9	1577.4	1311.9	1131.5	999.6	895.9
-12.5°	9367.7	6492.7	4456.8	3153.1	2336.3	1836.8	1500.3	1266.9	1104.3	977.9	880.8
-15°	7496.7	5384.5	3852.7	2814.6	2129.6	1704.3	1413.4	1208.3	1069.1	950.8	862.4
-17.5°	6031.6	4356.7	3163.9	2409.1	1919.5	1582.6	1338.6	1162.1	1033.4	925.6	844.6
-20°	4657.0	3449.7	2671.0	2105.4	1713.9	1440.4	1248.7	1110.0	995.9	902.8	830.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3498.7	2795.5	2220.5	1808.3	1538.2	1329.6	1171.1	1053.2	954.6	876.5	812.7
-25°	2711.4	2247.0	1872.4	1600.6	1381.7	1214.0	1096.7	998.9	917.9	851.3	792.6
-27.5°	2137.1	1831.0	1615.2	1406.9	1246.0	1128.0	1028.3	944.0	877.8	822.4	773.6
-30°	1731.8	1553.9	1394.2	1252.6	1142.5	1045.1	962.5	898.2	841.9	792.5	750.1
-32.5°	1449.1	1340.6	1224.5	1135.4	1048.0	972.6	909.3	853.7	806.3	765.3	729.0
-35°	1257.0	1180.3	1103.7	1034.4	968.2	910.7	857.7	814.0	774.5	738.3	708.0
-37.5°	1114.6	1058.5	1005.1	949.5	900.5	853.7	814.0	777.6	743.0	714.9	686.1
-40°	1003.5	960.6	921.5	878.5	841.9	806.3	774.5	742.9	716.3	690.6	663.3
-42.5°	913.1	881.2	851.6	822.4	792.5	765.3	737.6	712.3	688.3	664.7	639.9
-45°	839.3	818.1	795.4	774.0	750.1	727.4	703.0	681.4	660.2	638.0	614.9
-47.5°	781.2	765.6	748.3	732.5	713.9	693.1	671.9	651.2	631.3	610.8	592.1
-50°	732.5	721.8	709.8	696.7	679.8	660.9	641.0	620.3	602.2	584.8	566.3
-52.5°	693.3	684.7	674.1	661.3	645.8	628.1	609.7	590.5	572.9	555.8	536.2
-55°	659.2	650.6	639.4	626.4	611.8	596.8	579.9	560.6	541.8	525.1	503.4
-57.5°	624.2	616.0	603.6	591.9	581.3	565.0	546.7	528.6	510.9	492.7	469.2
-60°	579.6	572.6	562.2	551.5	540.6	526.8	508.7	492.7	479.1	452.9	425.4
-62.5°	528.0	522.3	513.2	502.2	490.8	478.4	464.3	446.9	426.5	403.4	380.5
-65°	470.0	461.7	453.7	446.1	437.5	427.7	412.6	394.9	375.9	356.0	335.1
-67.5°	411.8	404.3	398.0	391.8	383.9	373.8	359.1	343.0	325.5	305.6	287.2
-70°	357.4	351.8	345.8	338.5	329.8	319.9	307.0	291.4	273.8	256.5	243.5
-72.5°	305.6	300.9	295.1	287.6	279.0	268.6	255.6	241.9	228.7	216.1	204.2
-75°	253.6	249.9	244.5	235.7	225.5	213.9	203.4	194.7	185.6	175.9	165.9
-77.5°	199.8	196.4	191.7	183.5	175.1	166.6	158.5	151.6	144.8	137.7	130.3
-80°	144.3	142.0	138.9	133.7	128.5	123.2	117.9	112.8	107.4	101.8	95.9
-82.5°	96.8	94.7	92.4	89.9	87.2	84.3	81.0	76.7	72.0	66.8	61.4
-85°	57.0	55.9	54.6	53.1	51.6	49.9	48.1	45.3	42.5	39.9	37.4
-87.5°	23.1	22.7	22.3	21.8	21.3	20.7	20.1	19.5	18.8	18.1	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: P627829 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-740-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°	16.6	15.8	15.0	14.1	13.2	12.3	11.4	10.4	9.4	8.4	7.4
85°	35.9	34.3	32.3	30.0	27.3	24.6	22.7	20.8	18.8	16.8	14.8
82.5°	58.2	56.1	53.8	51.1	47.1	42.9	38.7	34.4	30.0	25.5	22.1
80°	90.1	84.6	79.2	73.8	67.6	61.2	55.6	49.8	43.9	38.0	31.9
77.5°	122.5	114.4	106.0	98.2	90.4	82.4	74.2	65.8	57.8	50.4	42.8
75°	155.4	145.5	135.4	125.0	114.3	103.5	93.6	83.6	73.3	62.9	53.6
72.5°	191.9	179.1	165.9	152.5	140.0	127.2	114.1	101.2	89.2	77.1	64.7
70°	230.0	214.2	198.4	183.4	167.4	150.8	135.8	120.6	105.0	91.1	77.1
67.5°	269.9	253.8	235.3	215.2	197.2	178.4	158.1	140.2	122.7	105.0	89.2
65°	313.8	293.6	274.3	251.1	228.3	206.5	184.5	160.7	140.2	120.6	101.2
62.5°	356.6	332.3	309.2	285.3	260.5	235.3	210.5	183.8	158.0	135.8	114.1
60°	399.0	372.1	343.3	316.2	290.3	263.7	235.6	206.3	177.8	150.8	127.2
57.5°	439.3	411.1	378.5	346.8	317.6	289.9	259.8	227.9	197.0	167.1	139.9
55°	476.8	445.3	411.5	377.0	344.3	313.8	282.6	248.8	215.6	183.4	152.1
52.5°	511.3	478.4	442.3	405.7	370.0	336.9	303.9	268.9	233.4	199.0	165.3
50°	543.5	511.2	472.9	433.7	394.4	359.4	324.8	288.1	250.4	213.9	178.2
47.5°	571.3	540.7	503.7	461.2	419.4	381.7	345.4	307.0	266.6	228.2	190.7
45°	594.0	568.0	532.4	489.7	444.8	404.8	365.5	325.3	283.1	241.9	202.7
42.5°	615.2	590.9	558.7	517.5	471.0	427.6	385.2	343.2	299.2	255.0	214.1
40°	636.7	611.0	583.2	541.7	495.5	449.5	405.1	360.6	314.7	267.9	225.1
37.5°	656.8	630.1	602.0	564.2	517.5	470.2	424.1	377.5	329.2	280.8	235.4
35°	677.1	647.3	618.2	581.9	536.6	488.9	442.2	393.7	342.9	292.8	245.2
32.5°	696.6	663.3	631.8	596.3	554.1	505.8	458.4	407.8	355.7	303.8	254.3
30°	714.4	678.2	644.9	610.2	569.0	520.5	472.1	420.7	367.6	313.9	262.9
27.5°	728.7	690.5	657.4	622.1	580.9	533.7	484.1	432.2	378.5	323.2	271.1
25°	742.9	702.0	667.4	633.0	592.1	547.1	495.3	442.4	388.1	332.0	278.5
22.5°	758.6	712.6	675.2	643.4	603.5	559.9	505.8	451.3	396.4	339.9	285.0
20°	772.5	721.8	681.1	651.5	612.6	569.5	515.9	459.3	403.6	347.0	290.7
17.5°	784.8	731.6	688.8	656.3	619.8	577.8	525.2	466.4	409.7	353.1	295.6
15°	797.6	741.9	695.7	660.3	625.5	584.7	533.7	472.5	414.6	358.2	300.0
12.5°	808.9	750.4	701.1	663.3	629.9	590.2	541.1	477.6	418.4	362.6	304.0
10°	818.4	756.8	705.2	665.4	633.0	594.5	547.5	482.5	422.5	365.9	307.4
7.5°	825.7	761.4	707.9	666.6	635.1	597.9	552.9	488.2	425.9	368.2	310.1
5°	831.1	764.9	712.1	670.3	637.7	600.6	556.8	492.7	428.5	369.5	312.1
2.5°	835.1	768.0	716.6	673.9	639.2	602.3	559.0	496.1	430.1	369.8	313.3
0°	836.5	768.9	719.7	676.6	639.7	602.8	559.7	498.2	430.6	369.1	313.7
-2.5°	835.1	768.0	716.6	673.9	639.2	602.3	559.0	496.1	430.1	369.8	313.3
-5°	831.1	764.9	712.1	670.3	637.7	600.6	556.8	492.7	428.5	369.5	312.1
-7.5°	825.7	761.4	707.9	666.6	635.1	597.9	552.9	488.2	425.9	368.2	310.1
-10°	818.4	756.8	705.2	665.4	633.0	594.5	547.5	482.5	422.5	365.9	307.4
-12.5°	808.9	750.4	701.1	663.3	629.9	590.2	541.1	477.6	418.4	362.6	304.0
-15°	797.6	741.9	695.7	660.3	625.5	584.7	533.7	472.5	414.6	358.2	300.0
-17.5°	784.8	731.6	688.8	656.3	619.8	577.8	525.2	466.4	409.7	353.1	295.6
-20°	772.5	721.8	681.1	651.5	612.6	569.5	515.9	459.3	403.6	347.0	290.7



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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°	758.6	712.6	675.2	643.4	603.5	559.9	505.8	451.3	396.4	339.9	285.0
-25°	742.9	702.0	667.4	633.0	592.1	547.1	495.3	442.4	388.1	332.0	278.5
-27.5°	728.7	690.5	657.4	622.1	580.9	533.7	484.1	432.2	378.5	323.2	271.1
-30°	714.4	678.2	644.9	610.2	569.0	520.5	472.1	420.7	367.6	313.9	262.9
-32.5°	696.6	663.3	631.8	596.3	554.1	505.8	458.4	407.8	355.7	303.8	254.3
-35°	677.1	647.3	618.2	581.9	536.6	488.9	442.2	393.7	342.9	292.8	245.2
-37.5°	656.8	630.1	602.0	564.2	517.5	470.2	424.1	377.5	329.2	280.8	235.4
-40°	636.7	611.0	583.2	541.7	495.5	449.5	405.1	360.6	314.7	267.9	225.1
-42.5°	615.2	590.9	558.7	517.5	471.0	427.6	385.2	343.2	299.2	255.0	214.1
-45°	594.0	568.0	532.4	489.7	444.8	404.8	365.5	325.3	283.1	241.9	202.7
-47.5°	571.3	540.7	503.7	461.2	419.4	381.7	345.4	307.0	266.6	228.2	190.7
-50°	543.5	511.2	472.9	433.7	394.4	359.4	324.8	288.1	250.4	213.9	178.2
-52.5°	511.3	478.4	442.3	405.7	370.0	336.9	303.9	268.9	233.4	199.0	165.3
-55°	476.8	445.3	411.5	377.0	344.3	313.8	282.6	248.8	215.6	183.4	152.1
-57.5°	439.3	411.1	378.5	346.8	317.6	289.9	259.8	227.9	197.0	167.1	139.9
-60°	399.0	372.1	343.3	316.2	290.3	263.7	235.6	206.3	177.8	150.8	127.2
-62.5°	356.6	332.3	309.2	285.3	260.5	235.3	210.5	183.8	158.0	135.8	114.1
-65°	313.8	293.6	274.3	251.1	228.3	206.5	184.5	160.7	140.2	120.6	101.2
-67.5°	269.9	253.8	235.3	215.2	197.2	178.4	158.1	140.2	122.7	105.0	89.2
-70°	230.0	214.2	198.4	183.4	167.4	150.8	135.8	120.6	105.0	91.1	77.1
-72.5°	191.9	179.1	165.9	152.5	140.0	127.2	114.1	101.2	89.2	77.1	64.7
-75°	155.4	145.5	135.4	125.0	114.3	103.5	93.6	83.6	73.3	62.9	53.6
-77.5°	122.5	114.4	106.0	98.2	90.4	82.4	74.2	65.8	57.8	50.4	42.8
-80°	90.1	84.6	79.2	73.8	67.6	61.2	55.6	49.8	43.9	38.0	31.9
-82.5°	58.2	56.1	53.8	51.1	47.1	42.9	38.7	34.4	30.0	25.5	22.1
-85°	35.9	34.3	32.3	30.0	27.3	24.6	22.7	20.8	18.8	16.8	14.8
-87.5°	16.6	15.8	15.0	14.1	13.2	12.3	11.4	10.4	9.4	8.4	7.4
-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°	6.4	5.3	4.3	3.2	2.1	0.9	0.0
85°	12.7	10.6	8.5	6.4	4.3	1.9	0.0
82.5°	19.0	15.9	12.8	9.6	6.4	2.8	0.0
80°	25.7	21.2	17.0	12.8	8.5	3.7	0.0
77.5°	35.0	27.2	21.2	15.9	10.6	4.6	0.0
75°	44.2	34.6	25.6	19.0	12.6	5.5	0.0
72.5°	53.3	41.9	31.2	22.1	14.6	6.4	0.0
70°	62.3	49.0	36.7	25.4	16.6	7.3	0.0
67.5°	72.6	55.9	42.1	29.2	18.5	8.2	0.0
65°	82.7	63.6	47.3	33.0	20.3	9.0	0.0
62.5°	92.6	71.8	52.5	36.8	22.1	9.8	0.0
60°	102.3	79.9	57.4	40.4	23.8	10.6	0.0
57.5°	112.9	87.7	63.6	43.8	26.0	11.3	0.0
55°	123.4	95.3	69.7	47.2	28.2	12.0	0.0
52.5°	133.5	102.9	75.6	50.4	30.3	12.7	0.0
50°	143.4	111.1	81.3	53.5	32.3	13.4	0.0
47.5°	153.0	118.9	86.8	56.7	34.3	14.0	0.0
45°	163.2	126.5	92.0	60.7	36.3	14.6	0.0
42.5°	173.0	133.7	97.0	64.4	38.2	15.2	0.0
40°	182.3	140.6	102.1	68.1	39.9	15.7	0.0
37.5°	191.2	147.1	107.3	71.6	41.7	16.1	0.0
35°	199.5	153.7	112.2	75.0	43.3	16.6	0.0
32.5°	207.3	160.2	116.8	78.1	44.8	17.0	0.0
30°	214.6	166.2	121.0	81.0	46.3	17.3	0.0
27.5°	221.3	171.8	125.2	83.8	47.7	17.7	0.0
25°	227.5	176.9	129.0	86.3	49.0	17.9	0.0
22.5°	233.0	181.5	132.5	88.5	50.1	18.2	0.0
20°	238.0	185.5	135.6	90.6	51.2	18.4	0.0
17.5°	242.1	188.9	138.4	92.4	52.1	18.5	0.0
15°	245.5	191.7	140.8	94.0	53.0	18.6	0.0
12.5°	248.2	193.9	142.9	95.3	53.7	18.7	0.0
10°	250.3	195.5	144.6	96.4	54.3	18.7	0.0
7.5°	251.7	196.6	145.9	97.3	54.8	18.7	0.0
5°	252.5	197.2	146.8	97.9	55.1	18.7	0.0
2.5°	252.7	197.2	147.4	98.3	55.3	18.6	0.0
0°	252.2	196.8	147.6	98.4	55.4	18.5	0.0
-2.5°	252.7	197.2	147.4	98.3	55.3	18.6	0.0
-5°	252.5	197.2	146.8	97.9	55.1	18.7	0.0
-7.5°	251.7	196.6	145.9	97.3	54.8	18.7	0.0
-10°	250.3	195.5	144.6	96.4	54.3	18.7	0.0
-12.5°	248.2	193.9	142.9	95.3	53.7	18.7	0.0
-15°	245.5	191.7	140.8	94.0	53.0	18.6	0.0
-17.5°	242.1	188.9	138.4	92.4	52.1	18.5	0.0
-20°	238.0	185.5	135.6	90.6	51.2	18.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	233.0	181.5	132.5	88.5	50.1	18.2	0.0
-25°	227.5	176.9	129.0	86.3	49.0	17.9	0.0
-27.5°	221.3	171.8	125.2	83.8	47.7	17.7	0.0
-30°	214.6	166.2	121.0	81.0	46.3	17.3	0.0
-32.5°	207.3	160.2	116.8	78.1	44.8	17.0	0.0
-35°	199.5	153.7	112.2	75.0	43.3	16.6	0.0
-37.5°	191.2	147.1	107.3	71.6	41.7	16.1	0.0
-40°	182.3	140.6	102.1	68.1	39.9	15.7	0.0
-42.5°	173.0	133.7	97.0	64.4	38.2	15.2	0.0
-45°	163.2	126.5	92.0	60.7	36.3	14.6	0.0
-47.5°	153.0	118.9	86.8	56.7	34.3	14.0	0.0
-50°	143.4	111.1	81.3	53.5	32.3	13.4	0.0
-52.5°	133.5	102.9	75.6	50.4	30.3	12.7	0.0
-55°	123.4	95.3	69.7	47.2	28.2	12.0	0.0
-57.5°	112.9	87.7	63.6	43.8	26.0	11.3	0.0
-60°	102.3	79.9	57.4	40.4	23.8	10.6	0.0
-62.5°	92.6	71.8	52.5	36.8	22.1	9.8	0.0
-65°	82.7	63.6	47.3	33.0	20.3	9.0	0.0
-67.5°	72.6	55.9	42.1	29.2	18.5	8.2	0.0
-70°	62.3	49.0	36.7	25.4	16.6	7.3	0.0
-72.5°	53.3	41.9	31.2	22.1	14.6	6.4	0.0
-75°	44.2	34.6	25.6	19.0	12.6	5.5	0.0
-77.5°	35.0	27.2	21.2	15.9	10.6	4.6	0.0
-80°	25.7	21.2	17.0	12.8	8.5	3.7	0.0
-82.5°	19.0	15.9	12.8	9.6	6.4	2.8	0.0
-85°	12.7	10.6	8.5	6.4	4.3	1.9	0.0
-87.5°	6.4	5.3	4.3	3.2	2.1	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)