

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: P627989 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627989 (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-SA6E-730-U-NR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N140
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

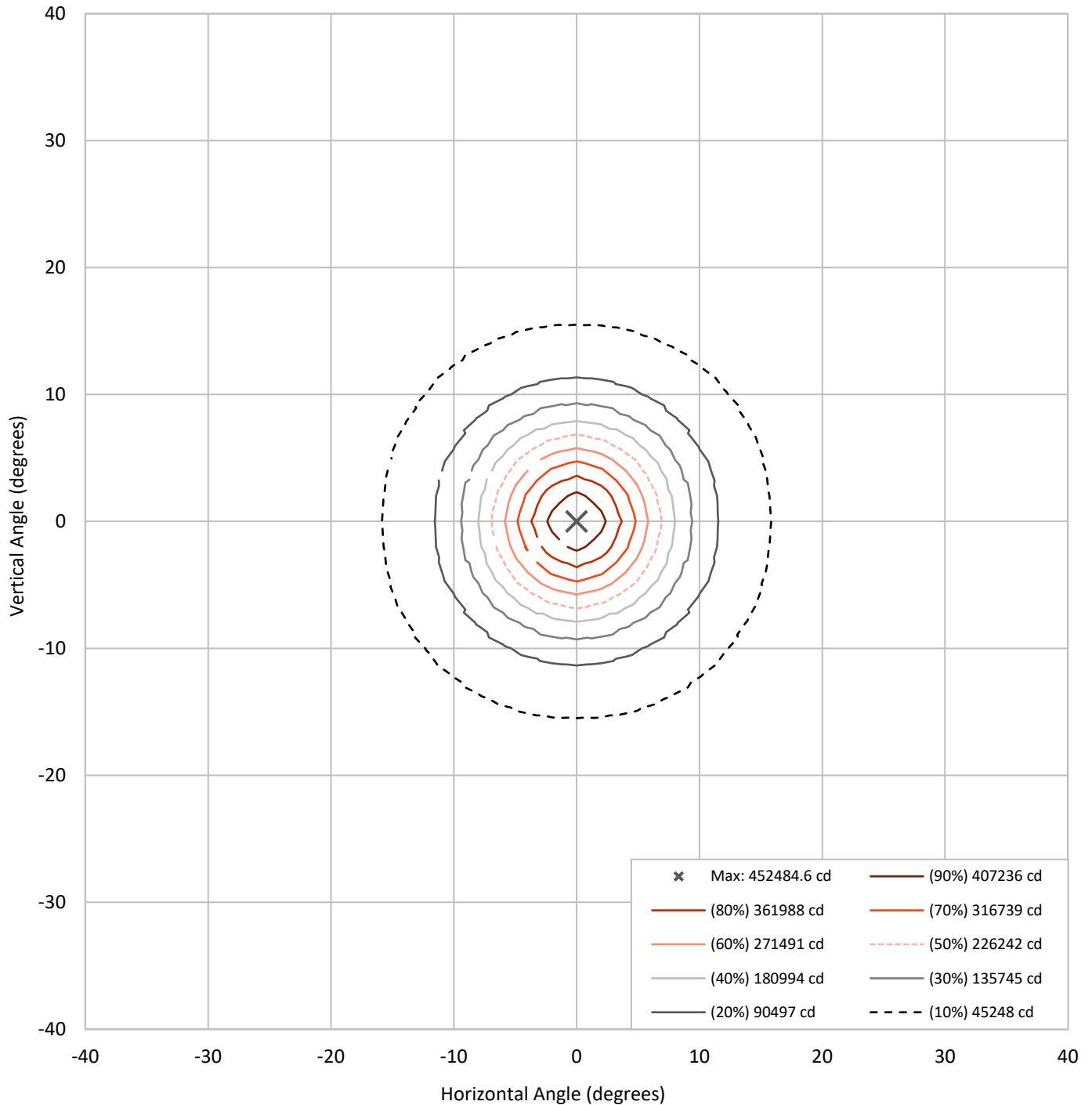
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	48047.3 lumens	Max Intensity:	452484.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.5 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:	14205.4 lumens	Field Lumens:	31968.1 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
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





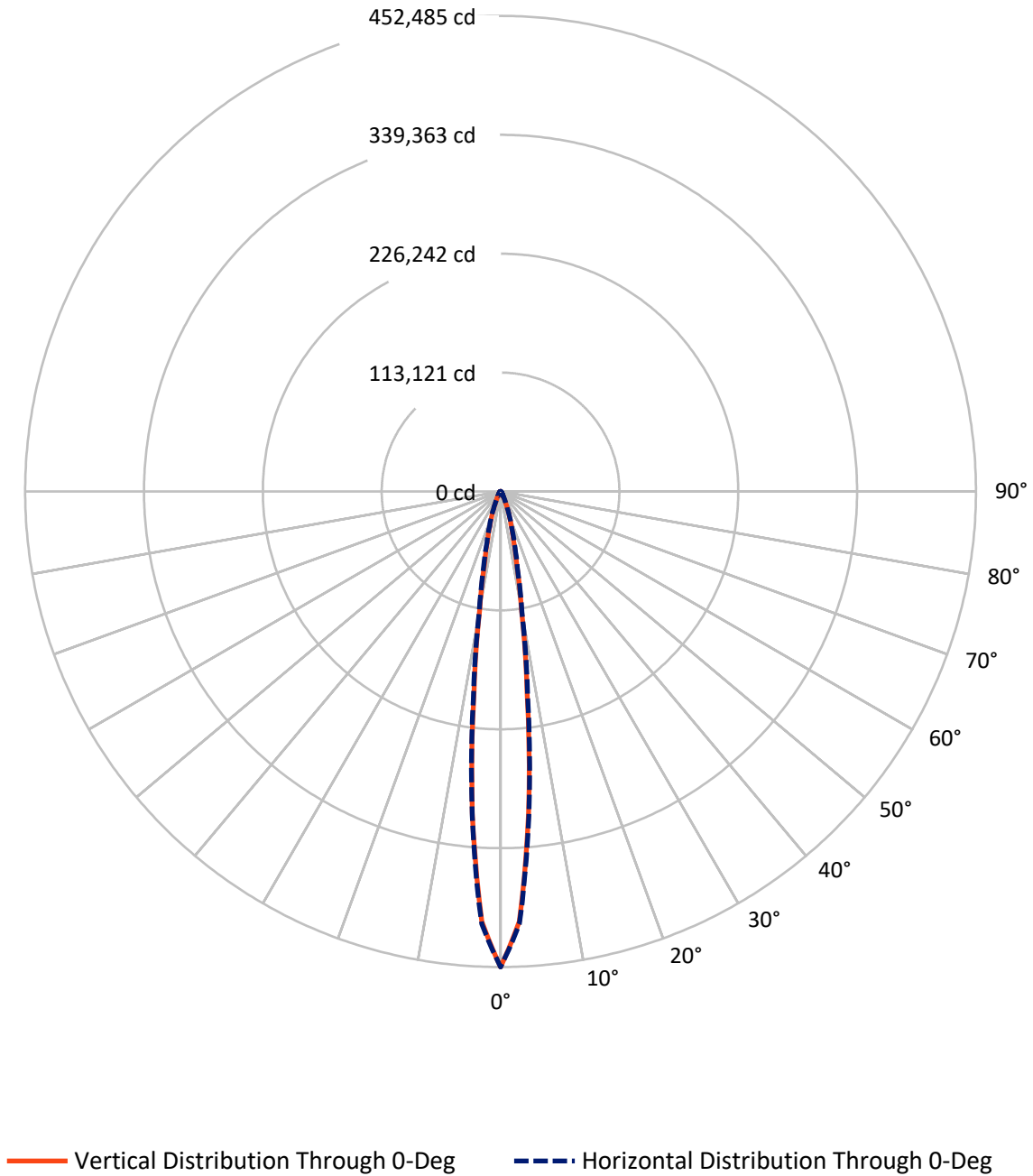
REPORT NUMBER: P627989 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.8		6.6		17.3		28.0		30.5		28.0		17.3		6.6		0.8		
80	0.8		6.6		17.3		28.0		30.5		28.0		17.3		6.6		0.8		
70	3.0	3.3	6.9	11.4	16.1	19.7	22.2	23.2	23.2	22.2	19.7	16.1	11.4	6.9	3.3	3.0			
60		5.1	10.4	16.9	22.7	27.7	31.0	32.3	32.3	31.0	27.7	22.7	16.9	10.4	5.1				
50	5.2	6.7	13.5	20.9	27.8	34.9	41.1	44.4	44.4	41.1	34.9	27.8	20.9	13.5	6.7	5.2			
40		8.0	15.9	24.1	34.2	49.1	69.2	85.7	85.7	69.2	49.1	34.2	24.1	15.9	8.0				
30	6.8	9.1	17.4	27.2	44.2	87.8	199.9	330.9	330.9	199.9	87.8	44.2	27.2	17.4	9.1	6.8			
20		9.7	18.2	29.9	58.7	186.4	661.9	1425.6	1425.6	661.9	186.4	58.7	29.9	18.2	9.7				
10	7.3	10.1	18.7	31.8	70.9	307.2	1438.9	6216.0	6216.0	1438.9	307.2	70.9	31.8	18.7	10.1	7.3			
0		10.1	18.7	31.8	70.9	307.2	1438.9	6216.0	6216.0	1438.9	307.2	70.9	31.8	18.7	10.1				
-10	6.8	9.7	18.2	29.9	58.7	186.4	661.9	1425.6	1425.6	661.9	186.4	58.7	29.9	18.2	9.7	6.8			
-20		9.1	17.4	27.2	44.2	87.8	199.9	330.9	330.9	199.9	87.8	44.2	27.2	17.4	9.1				
-30	5.2	8.0	15.9	24.1	34.2	49.1	69.2	85.7	85.7	69.2	49.1	34.2	24.1	15.9	8.0	5.2			
-40		6.7	13.5	20.9	27.8	34.9	41.1	44.4	44.4	41.1	34.9	27.8	20.9	13.5	6.7				
-50	3.0	5.1	10.4	16.9	22.7	27.7	31.0	32.3	32.3	31.0	27.7	22.7	16.9	10.4	5.1	3.0			
-60		3.3	6.9	11.4	16.1	19.7	22.2	23.2	23.2	22.2	19.7	16.1	11.4	6.9	3.3				
-70	0.8	6.6		17.3		28.0		30.5		28.0		17.3		6.6		0.8			
-80		6.6		17.3		28.0		30.5		28.0		17.3		6.6					
-90	0.8		6.6		17.3		28.0		30.5		28.0		17.3		6.6		0.8		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

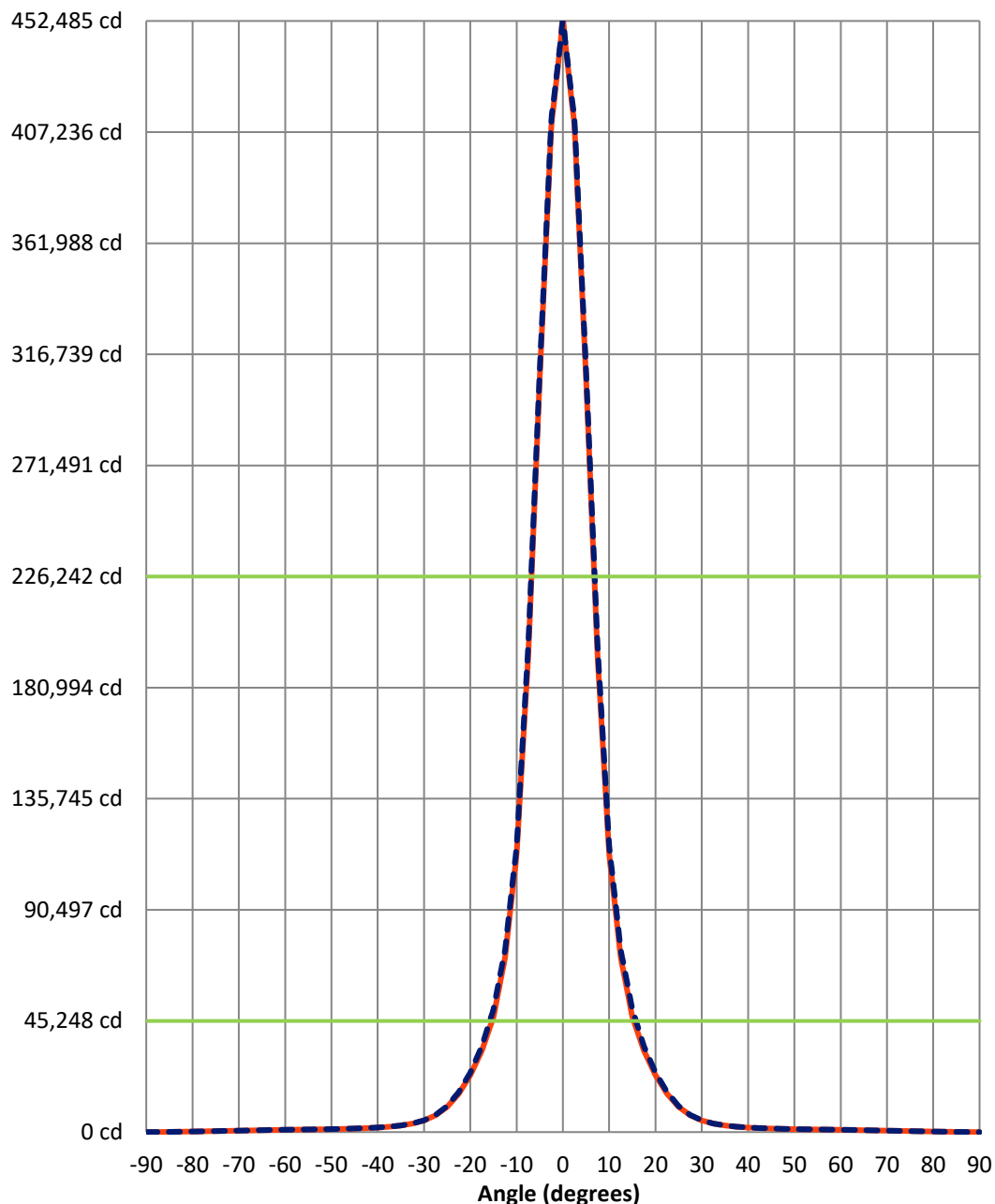
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 14205.4
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 31968.1
 Efficiency: 66.5%

Spill:
 Lumens: 16079.2
 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	1.5	3.4	5.1	6.7	8.4	10.0	11.7	13.3	14.8	16.4
85°	0.0	3.0	6.7	10.1	13.5	16.8	20.1	23.3	26.5	29.7	32.8
82.5°	0.0	4.4	10.1	15.2	20.2	25.1	30.0	34.9	40.2	47.2	54.2
80°	0.0	5.9	13.4	20.2	26.8	33.4	40.6	50.3	59.8	69.3	78.5
77.5°	0.0	7.3	16.7	25.1	33.4	42.9	55.2	67.4	79.4	91.1	103.6
75°	0.0	8.7	19.9	30.0	40.4	54.5	69.7	84.4	99.0	115.5	131.7
72.5°	0.0	10.1	23.0	34.9	49.2	66.0	83.9	102.0	121.4	140.6	159.4
70°	0.0	11.5	26.1	40.0	57.9	77.2	98.2	121.4	143.6	165.4	190.0
67.5°	0.0	12.8	29.1	46.1	66.4	88.2	114.4	140.6	165.4	193.4	220.9
65°	0.0	14.2	32.0	52.1	74.6	100.1	130.4	159.4	190.0	220.9	253.4
62.5°	0.0	15.4	34.8	57.9	82.7	113.2	145.9	179.7	214.0	249.0	289.7
60°	0.0	16.6	37.5	63.6	90.4	125.9	161.2	200.4	237.6	280.3	325.1
57.5°	0.0	17.8	41.0	69.1	100.2	138.2	177.9	220.5	263.4	310.6	359.3
55°	0.0	19.0	44.4	74.4	109.8	150.2	194.5	239.8	289.0	339.8	392.2
52.5°	0.0	20.1	47.7	79.5	119.1	162.1	210.5	260.6	313.6	367.8	423.8
50°	0.0	21.1	51.0	84.3	128.1	175.0	226.0	281.0	337.2	394.6	454.1
47.5°	0.0	22.1	54.1	89.4	136.7	187.4	241.1	300.6	359.7	420.1	483.8
45°	0.0	23.0	57.2	95.6	145.0	199.4	257.3	319.4	381.3	446.2	512.7
42.5°	0.0	23.9	60.1	101.5	152.9	210.7	272.7	337.5	402.0	471.6	541.0
40°	0.0	24.7	62.9	107.3	161.0	221.6	287.4	354.7	422.3	496.1	568.4
37.5°	0.0	25.4	65.7	112.9	169.2	231.8	301.3	371.1	442.6	518.9	595.0
35°	0.0	26.1	68.2	118.2	176.9	242.3	314.5	386.5	461.4	540.5	620.6
32.5°	0.0	26.7	70.7	123.1	184.1	252.5	326.8	400.9	478.8	560.6	642.8
30°	0.0	27.3	73.0	127.7	190.8	262.0	338.3	414.5	494.7	579.4	663.0
27.5°	0.0	27.8	75.1	132.0	197.3	270.8	348.9	427.4	509.4	596.6	681.2
25°	0.0	28.2	77.1	135.9	203.4	278.8	358.6	439.0	523.3	611.8	697.3
22.5°	0.0	28.6	79.0	139.5	208.9	286.1	367.3	449.3	535.8	624.9	711.3
20°	0.0	28.9	80.7	142.8	213.8	292.3	375.2	458.3	546.9	636.2	723.9
17.5°	0.0	29.1	82.2	145.6	218.2	297.7	381.7	466.0	556.5	645.7	735.1
15°	0.0	29.3	83.5	148.1	222.0	302.1	387.0	472.8	564.6	653.4	744.7
12.5°	0.0	29.4	84.6	150.3	225.3	305.6	391.2	479.1	571.5	659.3	752.8
10°	0.0	29.5	85.6	152.0	227.9	308.2	394.5	484.4	576.8	665.8	760.5
7.5°	0.0	29.5	86.3	153.4	230.0	309.9	396.8	488.7	580.4	671.2	769.4
5°	0.0	29.4	86.9	154.3	231.5	310.8	398.1	491.8	582.3	675.2	776.6
2.5°	0.0	29.3	87.2	154.9	232.4	310.9	398.3	493.7	582.8	677.7	782.0
0°	0.0	29.1	87.3	155.1	232.7	310.2	397.5	494.4	581.7	678.6	785.3
-2.5°	0.0	29.3	87.2	154.9	232.4	310.9	398.3	493.7	582.8	677.7	782.0
-5°	0.0	29.4	86.9	154.3	231.5	310.8	398.1	491.8	582.3	675.2	776.6
-7.5°	0.0	29.5	86.3	153.4	230.0	309.9	396.8	488.7	580.4	671.2	769.4
-10°	0.0	29.5	85.6	152.0	227.9	308.2	394.5	484.4	576.8	665.8	760.5
-12.5°	0.0	29.4	84.6	150.3	225.3	305.6	391.2	479.1	571.5	659.3	752.8
-15°	0.0	29.3	83.5	148.1	222.0	302.1	387.0	472.8	564.6	653.4	744.7
-17.5°	0.0	29.1	82.2	145.6	218.2	297.7	381.7	466.0	556.5	645.7	735.1
-20°	0.0	28.9	80.7	142.8	213.8	292.3	375.2	458.3	546.9	636.2	723.9

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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	28.6	79.0	139.5	208.9	286.1	367.3	449.3	535.8	624.9	711.3
-25°	0.0	28.2	77.1	135.9	203.4	278.8	358.6	439.0	523.3	611.8	697.3
-27.5°	0.0	27.8	75.1	132.0	197.3	270.8	348.9	427.4	509.4	596.6	681.2
-30°	0.0	27.3	73.0	127.7	190.8	262.0	338.3	414.5	494.7	579.4	663.0
-32.5°	0.0	26.7	70.7	123.1	184.1	252.5	326.8	400.9	478.8	560.6	642.8
-35°	0.0	26.1	68.2	118.2	176.9	242.3	314.5	386.5	461.4	540.5	620.6
-37.5°	0.0	25.4	65.7	112.9	169.2	231.8	301.3	371.1	442.6	518.9	595.0
-40°	0.0	24.7	62.9	107.3	161.0	221.6	287.4	354.7	422.3	496.1	568.4
-42.5°	0.0	23.9	60.1	101.5	152.9	210.7	272.7	337.5	402.0	471.6	541.0
-45°	0.0	23.0	57.2	95.6	145.0	199.4	257.3	319.4	381.3	446.2	512.7
-47.5°	0.0	22.1	54.1	89.4	136.7	187.4	241.1	300.6	359.7	420.1	483.8
-50°	0.0	21.1	51.0	84.3	128.1	175.0	226.0	281.0	337.2	394.6	454.1
-52.5°	0.0	20.1	47.7	79.5	119.1	162.1	210.5	260.6	313.6	367.8	423.8
-55°	0.0	19.0	44.4	74.4	109.8	150.2	194.5	239.8	289.0	339.8	392.2
-57.5°	0.0	17.8	41.0	69.1	100.2	138.2	177.9	220.5	263.4	310.6	359.3
-60°	0.0	16.6	37.5	63.6	90.4	125.9	161.2	200.4	237.6	280.3	325.1
-62.5°	0.0	15.4	34.8	57.9	82.7	113.2	145.9	179.7	214.0	249.0	289.7
-65°	0.0	14.2	32.0	52.1	74.6	100.1	130.4	159.4	190.0	220.9	253.4
-67.5°	0.0	12.8	29.1	46.1	66.4	88.2	114.4	140.6	165.4	193.4	220.9
-70°	0.0	11.5	26.1	40.0	57.9	77.2	98.2	121.4	143.6	165.4	190.0
-72.5°	0.0	10.1	23.0	34.9	49.2	66.0	83.9	102.0	121.4	140.6	159.4
-75°	0.0	8.7	19.9	30.0	40.4	54.5	69.7	84.4	99.0	115.5	131.7
-77.5°	0.0	7.3	16.7	25.1	33.4	42.9	55.2	67.4	79.4	91.1	103.6
-80°	0.0	5.9	13.4	20.2	26.8	33.4	40.6	50.3	59.8	69.3	78.5
-82.5°	0.0	4.4	10.1	15.2	20.2	25.1	30.0	34.9	40.2	47.2	54.2
-85°	0.0	3.0	6.7	10.1	13.5	16.8	20.1	23.3	26.5	29.7	32.8
-87.5°	0.0	1.5	3.4	5.1	6.7	8.4	10.0	11.7	13.3	14.8	16.4
-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°	17.9	19.4	20.8	22.3	23.6	24.9	26.2	27.4	28.6	29.7	30.8
85°	35.8	38.8	43.1	47.3	50.9	54.0	56.7	58.9	62.9	67.1	71.4
82.5°	61.0	67.7	74.2	80.5	84.8	88.3	91.7	96.7	105.2	113.4	120.9
80°	87.6	96.5	106.5	116.4	124.8	133.2	142.0	151.0	160.4	169.3	177.8
77.5°	116.9	129.8	142.5	154.8	167.0	180.2	193.0	205.3	217.0	228.2	238.9
75°	147.5	163.0	180.1	197.0	213.4	229.3	244.9	261.4	277.3	292.5	306.9
72.5°	179.7	200.4	220.6	240.3	261.5	282.3	302.4	321.8	340.7	360.5	381.3
70°	214.0	237.6	263.9	289.1	312.8	337.6	362.5	383.9	404.3	431.5	459.4
67.5°	249.2	281.1	310.7	339.2	370.8	400.1	425.5	452.6	481.7	513.1	540.6
65°	290.8	325.4	359.9	395.8	432.4	462.8	494.6	528.2	561.1	592.4	622.3
62.5°	331.8	370.9	410.6	449.7	487.3	523.8	562.1	599.6	635.7	672.2	704.4
60°	371.3	415.7	457.5	498.4	541.0	586.4	628.8	670.4	713.7	755.0	776.6
57.5°	409.5	456.9	500.6	546.5	596.5	647.8	692.3	739.5	776.6	805.2	833.1
55°	445.4	494.6	542.6	594.2	648.5	701.8	751.4	793.3	827.6	853.9	883.5
52.5°	478.9	530.9	583.1	639.5	697.1	753.9	805.8	845.1	876.0	902.9	930.7
50°	511.9	566.5	621.7	683.5	745.3	805.7	856.5	892.5	921.7	949.2	977.8
47.5°	544.3	601.6	661.0	726.9	793.8	852.2	900.4	933.3	962.7	995.0	1026.3
45°	576.1	638.1	701.1	771.7	839.0	895.3	936.3	969.2	1005.5	1040.4	1074.0
42.5°	607.2	674.0	742.3	815.6	880.6	931.3	969.6	1008.5	1047.6	1084.8	1122.6
40°	638.5	708.5	780.9	853.8	919.2	963.0	1003.5	1045.4	1088.5	1129.0	1170.9
37.5°	668.5	741.0	815.6	889.3	948.7	993.1	1035.1	1081.4	1126.8	1171.0	1225.6
35°	697.0	770.6	845.8	917.1	974.4	1020.2	1067.2	1115.9	1163.6	1220.7	1283.0
32.5°	722.5	797.2	873.4	939.8	995.8	1045.3	1098.0	1148.9	1206.1	1270.8	1345.5
30°	744.1	820.4	896.9	961.8	1016.5	1068.8	1126.0	1182.1	1249.1	1326.9	1415.7
27.5°	763.0	841.2	915.6	980.6	1036.1	1088.3	1148.5	1219.3	1296.2	1383.4	1487.8
25°	780.6	862.3	933.3	997.8	1051.9	1106.4	1170.8	1249.2	1341.6	1446.7	1574.5
22.5°	797.3	882.6	951.3	1014.0	1064.2	1123.1	1195.7	1280.9	1381.4	1504.6	1660.0
20°	813.2	897.7	965.6	1026.9	1073.5	1137.7	1217.6	1308.6	1422.8	1569.6	1749.4
17.5°	827.8	910.7	976.8	1034.4	1085.6	1153.2	1236.9	1331.2	1458.8	1628.8	1831.7
15°	841.2	921.5	985.9	1040.6	1096.4	1169.4	1257.0	1359.2	1498.6	1685.1	1904.4
12.5°	852.9	930.3	992.8	1045.4	1105.1	1182.6	1274.9	1388.3	1541.4	1740.5	1996.8
10°	863.0	937.0	997.6	1048.7	1111.6	1192.8	1289.8	1412.0	1575.5	1783.4	2067.8
7.5°	871.6	942.4	1001.0	1050.5	1115.8	1199.9	1301.5	1430.1	1599.3	1813.9	2119.1
5°	877.6	946.7	1005.0	1056.5	1122.3	1205.5	1310.0	1442.4	1613.3	1832.1	2151.0
2.5°	881.1	949.2	1007.4	1062.2	1129.4	1210.3	1316.4	1456.0	1624.7	1849.7	2175.3
0°	882.2	950.1	1008.2	1066.4	1134.3	1211.8	1318.5	1463.9	1628.7	1861.4	2191.0
-2.5°	881.1	949.2	1007.4	1062.2	1129.4	1210.3	1316.4	1456.0	1624.7	1849.7	2175.3
-5°	877.6	946.7	1005.0	1056.5	1122.3	1205.5	1310.0	1442.4	1613.3	1832.1	2151.0
-7.5°	871.6	942.4	1001.0	1050.5	1115.8	1199.9	1301.5	1430.1	1599.3	1813.9	2119.1
-10°	863.0	937.0	997.6	1048.7	1111.6	1192.8	1289.8	1412.0	1575.5	1783.4	2067.8
-12.5°	852.9	930.3	992.8	1045.4	1105.1	1182.6	1274.9	1388.3	1541.4	1740.5	1996.8
-15°	841.2	921.5	985.9	1040.6	1096.4	1169.4	1257.0	1359.2	1498.6	1685.1	1904.4
-17.5°	827.8	910.7	976.8	1034.4	1085.6	1153.2	1236.9	1331.2	1458.8	1628.8	1831.7
-20°	813.2	897.7	965.6	1026.9	1073.5	1137.7	1217.6	1308.6	1422.8	1569.6	1749.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627989 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	797.3	882.6	951.3	1014.0	1064.2	1123.1	1195.7	1280.9	1381.4	1504.6	1660.0
-25°	780.6	862.3	933.3	997.8	1051.9	1106.4	1170.8	1249.2	1341.6	1446.7	1574.5
-27.5°	763.0	841.2	915.6	980.6	1036.1	1088.3	1148.5	1219.3	1296.2	1383.4	1487.8
-30°	744.1	820.4	896.9	961.8	1016.5	1068.8	1126.0	1182.1	1249.1	1326.9	1415.7
-32.5°	722.5	797.2	873.4	939.8	995.8	1045.3	1098.0	1148.9	1206.1	1270.8	1345.5
-35°	697.0	770.6	845.8	917.1	974.4	1020.2	1067.2	1115.9	1163.6	1220.7	1283.0
-37.5°	668.5	741.0	815.6	889.3	948.7	993.1	1035.1	1081.4	1126.8	1171.0	1225.6
-40°	638.5	708.5	780.9	853.8	919.2	963.0	1003.5	1045.4	1088.5	1129.0	1170.9
-42.5°	607.2	674.0	742.3	815.6	880.6	931.3	969.6	1008.5	1047.6	1084.8	1122.6
-45°	576.1	638.1	701.1	771.7	839.0	895.3	936.3	969.2	1005.5	1040.4	1074.0
-47.5°	544.3	601.6	661.0	726.9	793.8	852.2	900.4	933.3	962.7	995.0	1026.3
-50°	511.9	566.5	621.7	683.5	745.3	805.7	856.5	892.5	921.7	949.2	977.8
-52.5°	478.9	530.9	583.1	639.5	697.1	753.9	805.8	845.1	876.0	902.9	930.7
-55°	445.4	494.6	542.6	594.2	648.5	701.8	751.4	793.3	827.6	853.9	883.5
-57.5°	409.5	456.9	500.6	546.5	596.5	647.8	692.3	739.5	776.6	805.2	833.1
-60°	371.3	415.7	457.5	498.4	541.0	586.4	628.8	670.4	713.7	755.0	776.6
-62.5°	331.8	370.9	410.6	449.7	487.3	523.8	562.1	599.6	635.7	672.2	704.4
-65°	290.8	325.4	359.9	395.8	432.4	462.8	494.6	528.2	561.1	592.4	622.3
-67.5°	249.2	281.1	310.7	339.2	370.8	400.1	425.5	452.6	481.7	513.1	540.6
-70°	214.0	237.6	263.9	289.1	312.8	337.6	362.5	383.9	404.3	431.5	459.4
-72.5°	179.7	200.4	220.6	240.3	261.5	282.3	302.4	321.8	340.7	360.5	381.3
-75°	147.5	163.0	180.1	197.0	213.4	229.3	244.9	261.4	277.3	292.5	306.9
-77.5°	116.9	129.8	142.5	154.8	167.0	180.2	193.0	205.3	217.0	228.2	238.9
-80°	87.6	96.5	106.5	116.4	124.8	133.2	142.0	151.0	160.4	169.3	177.8
-82.5°	61.0	67.7	74.2	80.5	84.8	88.3	91.7	96.7	105.2	113.4	120.9
-85°	35.8	38.8	43.1	47.3	50.9	54.0	56.7	58.9	62.9	67.1	71.4
-87.5°	17.9	19.4	20.8	22.3	23.6	24.9	26.2	27.4	28.6	29.7	30.8
-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: P627989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	31.8	32.7	33.6	34.4	35.2	35.8	36.5	37.0	37.5	35.5	33.4
85°	75.8	78.7	81.3	83.7	86.0	88.0	89.9	91.5	92.9	91.8	90.4
82.5°	127.7	132.8	137.4	141.7	145.6	149.2	152.5	155.3	157.8	157.6	156.9
80°	185.8	194.2	202.5	210.8	218.9	223.8	227.4	230.1	231.9	232.7	232.9
77.5°	249.8	262.7	276.1	289.3	302.2	309.6	314.9	319.3	322.9	323.6	322.9
75°	320.5	337.2	355.5	371.5	385.4	393.9	399.8	404.8	408.8	409.9	409.4
72.5°	403.0	423.4	439.8	453.3	465.1	474.2	481.6	487.9	493.0	495.2	495.5
70°	483.9	504.1	519.7	533.5	544.9	554.5	563.3	570.9	577.2	581.9	585.3
67.5°	566.0	589.1	605.1	617.5	627.3	637.3	649.1	659.3	667.9	673.6	676.5
65°	650.2	674.1	689.5	703.1	715.1	727.7	740.8	750.5	756.9	760.8	763.4
62.5°	731.8	754.1	773.5	791.5	808.7	823.2	832.2	840.3	847.2	853.0	857.4
60°	801.8	830.2	851.9	869.2	886.2	902.5	913.6	922.3	929.3	934.3	937.5
57.5°	861.6	890.5	916.2	933.0	951.3	970.9	983.7	991.1	997.9	1003.7	1006.4
55°	913.9	940.6	964.3	987.2	1007.8	1025.3	1039.0	1048.9	1057.3	1063.9	1066.1
52.5°	961.0	990.0	1017.8	1042.1	1062.3	1079.1	1092.7	1105.0	1114.4	1120.8	1123.7
50°	1010.4	1041.6	1071.4	1098.0	1118.8	1137.6	1154.4	1169.0	1183.0	1194.0	1201.9
47.5°	1058.9	1092.4	1125.1	1154.4	1179.3	1206.6	1231.2	1251.9	1272.2	1288.7	1300.0
45°	1108.0	1146.4	1182.1	1220.0	1253.7	1289.5	1322.7	1351.3	1380.8	1403.1	1418.1
42.5°	1162.4	1206.1	1249.1	1296.2	1342.1	1388.8	1439.2	1484.1	1518.8	1551.4	1577.8
40°	1220.7	1270.8	1326.9	1384.6	1452.4	1514.0	1581.6	1639.8	1692.3	1747.8	1791.9
37.5°	1283.0	1345.5	1419.2	1496.4	1584.2	1668.4	1756.7	1843.5	1919.3	2008.7	2077.0
35°	1351.8	1435.3	1526.0	1630.4	1739.6	1860.2	1981.1	2120.7	2240.9	2373.2	2488.4
32.5°	1433.2	1532.9	1651.9	1789.6	1929.9	2112.9	2283.9	2506.2	2698.4	2908.3	3119.7
30°	1517.0	1647.2	1800.8	1974.3	2197.3	2449.0	2729.6	3060.3	3401.3	3731.2	4129.2
27.5°	1620.7	1777.9	1963.8	2217.4	2545.7	2885.9	3368.3	3864.7	4491.5	5009.9	5740.8
25°	1728.6	1913.5	2177.7	2522.7	2951.1	3541.5	4273.5	5066.9	6169.7	7138.5	8274.8
22.5°	1845.8	2095.6	2424.4	2850.1	3499.8	4406.0	5514.4	7008.1	8634.6	10361.5	12079.2
20°	1968.1	2270.2	2701.2	3318.3	4209.7	5437.0	7339.9	9645.8	11969.4	14818.8	17341.9
17.5°	2109.7	2494.2	3025.3	3797.0	4986.6	6866.6	9506.4	12725.5	16330.5	20427.4	24064.8
15°	2227.6	2686.2	3356.5	4436.1	6072.3	8486.6	11815.5	16244.0	21661.2	27163.5	32745.8
12.5°	2364.6	2895.0	3682.3	4969.6	7024.4	10233.1	14764.4	20369.6	27135.1	34767.0	43763.7
10°	2486.2	3100.0	4078.7	5672.1	8183.4	12054.6	17553.9	24297.3	33028.4	44008.7	57941.1
7.5°	2576.3	3263.2	4384.8	6206.9	9185.3	13805.9	20189.5	28598.5	39692.6	54192.2	73313.4
5°	2634.8	3381.3	4601.2	6619.4	9969.6	15109.3	22121.1	31649.1	45033.4	65540.7	97919.7
2.5°	2669.8	3451.2	4724.8	6861.4	10446.6	15972.9	23590.6	33955.8	48494.7	72554.0	113746.2
0°	2685.4	3470.7	4798.8	6989.8	10605.9	16306.3	24265.5	35007.1	50043.4	74192.6	116528.8
-2.5°	2669.8	3451.2	4724.8	6861.4	10446.6	15972.9	23590.6	33955.8	48494.7	72554.0	113746.2
-5°	2634.8	3381.3	4601.2	6619.4	9969.6	15109.3	22121.1	31649.1	45033.4	65540.7	97919.7
-7.5°	2576.3	3263.2	4384.8	6206.9	9185.3	13805.9	20189.5	28598.5	39692.6	54192.2	73313.4
-10°	2486.2	3100.0	4078.7	5672.1	8183.4	12054.6	17553.9	24297.3	33028.4	44008.7	57941.1
-12.5°	2364.6	2895.0	3682.3	4969.6	7024.4	10233.1	14764.4	20369.6	27135.1	34767.0	43763.7
-15°	2227.6	2686.2	3356.5	4436.1	6072.3	8486.6	11815.5	16244.0	21661.2	27163.5	32745.8
-17.5°	2109.7	2494.2	3025.3	3797.0	4986.6	6866.6	9506.4	12725.5	16330.5	20427.4	24064.8
-20°	1968.1	2270.2	2701.2	3318.3	4209.7	5437.0	7339.9	9645.8	11969.4	14818.8	17341.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627989 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	1845.8	2095.6	2424.4	2850.1	3499.8	4406.0	5514.4	7008.1	8634.6	10361.5	12079.2
-25°	1728.6	1913.5	2177.7	2522.7	2951.1	3541.5	4273.5	5066.9	6169.7	7138.5	8274.8
-27.5°	1620.7	1777.9	1963.8	2217.4	2545.7	2885.9	3368.3	3864.7	4491.5	5009.9	5740.8
-30°	1517.0	1647.2	1800.8	1974.3	2197.3	2449.0	2729.6	3060.3	3401.3	3731.2	4129.2
-32.5°	1433.2	1532.9	1651.9	1789.6	1929.9	2112.9	2283.9	2506.2	2698.4	2908.3	3119.7
-35°	1351.8	1435.3	1526.0	1630.4	1739.6	1860.2	1981.1	2120.7	2240.9	2373.2	2488.4
-37.5°	1283.0	1345.5	1419.2	1496.4	1584.2	1668.4	1756.7	1843.5	1919.3	2008.7	2077.0
-40°	1220.7	1270.8	1326.9	1384.6	1452.4	1514.0	1581.6	1639.8	1692.3	1747.8	1791.9
-42.5°	1162.4	1206.1	1249.1	1296.2	1342.1	1388.8	1439.2	1484.1	1518.8	1551.4	1577.8
-45°	1108.0	1146.4	1182.1	1220.0	1253.7	1289.5	1322.7	1351.3	1380.8	1403.1	1418.1
-47.5°	1058.9	1092.4	1125.1	1154.4	1179.3	1206.6	1231.2	1251.9	1272.2	1288.7	1300.0
-50°	1010.4	1041.6	1071.4	1098.0	1118.8	1137.6	1154.4	1169.0	1183.0	1194.0	1201.9
-52.5°	961.0	990.0	1017.8	1042.1	1062.3	1079.1	1092.7	1105.0	1114.4	1120.8	1123.7
-55°	913.9	940.6	964.3	987.2	1007.8	1025.3	1039.0	1048.9	1057.3	1063.9	1066.1
-57.5°	861.6	890.5	916.2	933.0	951.3	970.9	983.7	991.1	997.9	1003.7	1006.4
-60°	801.8	830.2	851.9	869.2	886.2	902.5	913.6	922.3	929.3	934.3	937.5
-62.5°	731.8	754.1	773.5	791.5	808.7	823.2	832.2	840.3	847.2	853.0	857.4
-65°	650.2	674.1	689.5	703.1	715.1	727.7	740.8	750.5	756.9	760.8	763.4
-67.5°	566.0	589.1	605.1	617.5	627.3	637.3	649.1	659.3	667.9	673.6	676.5
-70°	483.9	504.1	519.7	533.5	544.9	554.5	563.3	570.9	577.2	581.9	585.3
-72.5°	403.0	423.4	439.8	453.3	465.1	474.2	481.6	487.9	493.0	495.2	495.5
-75°	320.5	337.2	355.5	371.5	385.4	393.9	399.8	404.8	408.8	409.9	409.4
-77.5°	249.8	262.7	276.1	289.3	302.2	309.6	314.9	319.3	322.9	323.6	322.9
-80°	185.8	194.2	202.5	210.8	218.9	223.8	227.4	230.1	231.9	232.7	232.9
-82.5°	127.7	132.8	137.4	141.7	145.6	149.2	152.5	155.3	157.8	157.6	156.9
-85°	75.8	78.7	81.3	83.7	86.0	88.0	89.9	91.5	92.9	91.8	90.4
-87.5°	31.8	32.7	33.6	34.4	35.2	35.8	36.5	37.0	37.5	35.5	33.4
-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: P627989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	31.3	29.0	29.1	29.1	29.1	29.0	31.3	33.4	35.5	37.5	37.0
85°	88.7	86.9	87.2	87.3	87.2	86.9	88.7	90.4	91.8	92.9	91.5
82.5°	155.8	154.4	154.9	155.1	154.9	154.4	155.8	156.9	157.6	157.8	155.3
80°	232.6	231.6	227.6	223.0	227.6	231.6	232.6	232.9	232.7	231.9	230.1
77.5°	321.2	318.4	314.7	310.2	314.7	318.4	321.2	322.9	323.6	322.9	319.3
75°	408.0	405.5	406.7	407.2	406.7	405.5	408.0	409.4	409.9	408.8	404.8
72.5°	494.6	492.5	493.8	494.4	493.8	492.5	494.6	495.5	495.2	493.0	487.9
70°	587.6	588.6	586.1	581.7	586.1	588.6	587.6	585.3	581.9	577.2	570.9
67.5°	677.3	676.2	673.4	668.9	673.4	676.2	677.3	676.5	673.6	667.9	659.3
65°	764.3	763.3	765.0	765.9	765.0	763.3	764.3	763.4	760.8	756.9	750.5
62.5°	859.6	859.6	857.5	853.1	857.5	859.6	859.6	857.4	853.0	847.2	840.3
60°	938.7	938.0	935.3	930.7	935.3	938.0	938.7	937.5	934.3	929.3	922.3
57.5°	1007.3	1006.2	1003.3	998.5	1003.3	1006.2	1007.3	1006.4	1003.7	997.9	991.1
55°	1066.4	1065.0	1061.7	1056.7	1061.7	1065.0	1066.4	1066.1	1063.9	1057.3	1048.9
52.5°	1124.4	1123.2	1123.6	1124.6	1123.6	1123.2	1124.4	1123.7	1120.8	1114.4	1105.0
50°	1206.7	1208.4	1206.9	1202.1	1206.9	1208.4	1206.7	1201.9	1194.0	1183.0	1169.0
47.5°	1305.5	1306.1	1303.7	1299.1	1303.7	1306.1	1305.5	1300.0	1288.7	1272.2	1251.9
45°	1429.8	1436.8	1438.7	1434.8	1438.7	1436.8	1429.8	1418.1	1403.1	1380.8	1351.3
42.5°	1598.1	1609.1	1612.3	1609.3	1612.3	1609.1	1598.1	1577.8	1551.4	1518.8	1484.1
40°	1819.1	1831.6	1834.0	1832.3	1834.0	1831.6	1819.1	1791.9	1747.8	1692.3	1639.8
37.5°	2124.9	2155.5	2169.9	2171.6	2169.9	2155.5	2124.9	2077.0	2008.7	1919.3	1843.5
35°	2576.2	2637.1	2669.7	2685.4	2669.7	2637.1	2576.2	2488.4	2373.2	2240.9	2120.7
32.5°	3279.8	3401.7	3469.2	3461.0	3469.2	3401.7	3279.8	3119.7	2908.3	2698.4	2506.2
30°	4429.2	4642.4	4749.6	4721.3	4749.6	4642.4	4429.2	4129.2	3731.2	3401.3	3060.3
27.5°	6265.7	6651.0	6873.8	6844.4	6873.8	6651.0	6265.7	5740.8	5009.9	4491.5	3864.7
25°	9224.7	9927.9	10378.0	10266.6	10378.0	9927.9	9224.7	8274.8	7138.5	6169.7	5066.9
22.5°	13725.9	14917.2	15705.5	15608.3	15705.5	14917.2	13725.9	12079.2	10361.5	8634.6	7008.1
20°	19900.4	21713.5	23008.2	23179.7	23008.2	21713.5	19900.4	17341.9	14818.8	11969.4	9645.8
17.5°	27993.9	30868.8	32869.9	33203.9	32869.9	30868.8	27993.9	24064.8	20427.4	16330.5	12725.5
15°	38512.6	43211.4	46612.0	46892.7	46612.0	43211.4	38512.6	32745.8	27163.5	21661.2	16244.0
12.5°	52795.3	62245.9	68413.7	71129.1	68413.7	62245.9	52795.3	43763.7	34767.0	27135.1	20369.6
10°	72562.0	94269.4	108171.3	113397.4	108171.3	94269.4	72562.0	57941.1	44008.7	33028.4	24297.3
7.5°	105578.2	139659.4	177548.9	193697.6	177548.9	139659.4	105578.2	73313.4	54192.2	39692.6	28598.5
5°	142966.4	213698.8	280977.8	307250.1	280977.8	213698.8	142966.4	97919.7	65540.7	45033.4	31649.1
2.5°	182308.4	280899.0	373286.0	409416.4	373286.0	280899.0	182308.4	113746.2	72554.0	48494.7	33955.8
0°	197672.4	310323.3	411970.9	452484.6	411970.9	310323.3	197672.4	116528.8	74192.6	50043.4	35007.1
-2.5°	182308.4	280899.0	373286.0	409416.4	373286.0	280899.0	182308.4	113746.2	72554.0	48494.7	33955.8
-5°	142966.4	213698.8	280977.8	307250.1	280977.8	213698.8	142966.4	97919.7	65540.7	45033.4	31649.1
-7.5°	105578.2	139659.4	177548.9	193697.6	177548.9	139659.4	105578.2	73313.4	54192.2	39692.6	28598.5
-10°	72562.0	94269.4	108171.3	113397.4	108171.3	94269.4	72562.0	57941.1	44008.7	33028.4	24297.3
-12.5°	52795.3	62245.9	68413.7	71129.1	68413.7	62245.9	52795.3	43763.7	34767.0	27135.1	20369.6
-15°	38512.6	43211.4	46612.0	46892.7	46612.0	43211.4	38512.6	32745.8	27163.5	21661.2	16244.0
-17.5°	27993.9	30868.8	32869.9	33203.9	32869.9	30868.8	27993.9	24064.8	20427.4	16330.5	12725.5
-20°	19900.4	21713.5	23008.2	23179.7	23008.2	21713.5	19900.4	17341.9	14818.8	11969.4	9645.8



REPORT NUMBER: P627989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	13725.9	14917.2	15705.5	15608.3	15705.5	14917.2	13725.9	12079.2	10361.5	8634.6	7008.1
-25°	9224.7	9927.9	10378.0	10266.6	10378.0	9927.9	9224.7	8274.8	7138.5	6169.7	5066.9
-27.5°	6265.7	6651.0	6873.8	6844.4	6873.8	6651.0	6265.7	5740.8	5009.9	4491.5	3864.7
-30°	4429.2	4642.4	4749.6	4721.3	4749.6	4642.4	4429.2	4129.2	3731.2	3401.3	3060.3
-32.5°	3279.8	3401.7	3469.2	3461.0	3469.2	3401.7	3279.8	3119.7	2908.3	2698.4	2506.2
-35°	2576.2	2637.1	2669.7	2685.4	2669.7	2637.1	2576.2	2488.4	2373.2	2240.9	2120.7
-37.5°	2124.9	2155.5	2169.9	2171.6	2169.9	2155.5	2124.9	2077.0	2008.7	1919.3	1843.5
-40°	1819.1	1831.6	1834.0	1832.3	1834.0	1831.6	1819.1	1791.9	1747.8	1692.3	1639.8
-42.5°	1598.1	1609.1	1612.3	1609.3	1612.3	1609.1	1598.1	1577.8	1551.4	1518.8	1484.1
-45°	1429.8	1436.8	1438.7	1434.8	1438.7	1436.8	1429.8	1418.1	1403.1	1380.8	1351.3
-47.5°	1305.5	1306.1	1303.7	1299.1	1303.7	1306.1	1305.5	1300.0	1288.7	1272.2	1251.9
-50°	1206.7	1208.4	1206.9	1202.1	1206.9	1208.4	1206.7	1201.9	1194.0	1183.0	1169.0
-52.5°	1124.4	1123.2	1123.6	1124.6	1123.6	1123.2	1124.4	1123.7	1120.8	1114.4	1105.0
-55°	1066.4	1065.0	1061.7	1056.7	1061.7	1065.0	1066.4	1066.1	1063.9	1057.3	1048.9
-57.5°	1007.3	1006.2	1003.3	998.5	1003.3	1006.2	1007.3	1006.4	1003.7	997.9	991.1
-60°	938.7	938.0	935.3	930.7	935.3	938.0	938.7	937.5	934.3	929.3	922.3
-62.5°	859.6	859.6	857.5	853.1	857.5	859.6	859.6	857.4	853.0	847.2	840.3
-65°	764.3	763.3	765.0	765.9	765.0	763.3	764.3	763.4	760.8	756.9	750.5
-67.5°	677.3	676.2	673.4	668.9	673.4	676.2	677.3	676.5	673.6	667.9	659.3
-70°	587.6	588.6	586.1	581.7	586.1	588.6	587.6	585.3	581.9	577.2	570.9
-72.5°	494.6	492.5	493.8	494.4	493.8	492.5	494.6	495.5	495.2	493.0	487.9
-75°	408.0	405.5	406.7	407.2	406.7	405.5	408.0	409.4	409.9	408.8	404.8
-77.5°	321.2	318.4	314.7	310.2	314.7	318.4	321.2	322.9	323.6	322.9	319.3
-80°	232.6	231.6	227.6	223.0	227.6	231.6	232.6	232.9	232.7	231.9	230.1
-82.5°	155.8	154.4	154.9	155.1	154.9	154.4	155.8	156.9	157.6	157.8	155.3
-85°	88.7	86.9	87.2	87.3	87.2	86.9	88.7	90.4	91.8	92.9	91.5
-87.5°	31.3	29.0	29.1	29.1	29.1	29.0	31.3	33.4	35.5	37.5	37.0
-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: P627989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	36.5	35.8	35.2	34.4	33.6	32.7	31.8	30.8	29.7	28.6	27.4
85°	89.9	88.0	86.0	83.7	81.3	78.7	75.8	71.4	67.1	62.9	58.9
82.5°	152.5	149.2	145.6	141.7	137.4	132.8	127.7	120.9	113.4	105.2	96.7
80°	227.4	223.8	218.9	210.8	202.5	194.2	185.8	177.8	169.3	160.4	151.0
77.5°	314.9	309.6	302.2	289.3	276.1	262.7	249.8	238.9	228.2	217.0	205.3
75°	399.8	393.9	385.4	371.5	355.5	337.2	320.5	306.9	292.5	277.3	261.4
72.5°	481.6	474.2	465.1	453.3	439.8	423.4	403.0	381.3	360.5	340.7	321.8
70°	563.3	554.5	544.9	533.5	519.7	504.1	483.9	459.4	431.5	404.3	383.9
67.5°	649.1	637.3	627.3	617.5	605.1	589.1	566.0	540.6	513.1	481.7	452.6
65°	740.8	727.7	715.1	703.1	689.5	674.1	650.2	622.3	592.4	561.1	528.2
62.5°	832.2	823.2	808.7	791.5	773.5	754.1	731.8	704.4	672.2	635.7	599.6
60°	913.6	902.5	886.2	869.2	851.9	830.2	801.8	776.6	755.0	713.7	670.4
57.5°	983.7	970.9	951.3	933.0	916.2	890.5	861.6	833.1	805.2	776.6	739.5
55°	1039.0	1025.3	1007.8	987.2	964.3	940.6	913.9	883.5	853.9	827.6	793.3
52.5°	1092.7	1079.1	1062.3	1042.1	1017.8	990.0	961.0	930.7	902.9	876.0	845.1
50°	1154.4	1137.6	1118.8	1098.0	1071.4	1041.6	1010.4	977.8	949.2	921.7	892.5
47.5°	1231.2	1206.6	1179.3	1154.4	1125.1	1092.4	1058.9	1026.3	995.0	962.7	933.3
45°	1322.7	1289.5	1253.7	1220.0	1182.1	1146.4	1108.0	1074.0	1040.4	1005.5	969.2
42.5°	1439.2	1388.8	1342.1	1296.2	1249.1	1206.1	1162.4	1122.6	1084.8	1047.6	1008.5
40°	1581.6	1514.0	1452.4	1384.6	1326.9	1270.8	1220.7	1170.9	1129.0	1088.5	1045.4
37.5°	1756.7	1668.4	1584.2	1496.4	1419.2	1345.5	1283.0	1225.6	1171.0	1126.8	1081.4
35°	1981.1	1860.2	1739.6	1630.4	1526.0	1435.3	1351.8	1283.0	1220.7	1163.6	1115.9
32.5°	2283.9	2112.9	1929.9	1789.6	1651.9	1532.9	1433.2	1345.5	1270.8	1206.1	1148.9
30°	2729.6	2449.0	2197.3	1974.3	1800.8	1647.2	1517.0	1415.7	1326.9	1249.1	1182.1
27.5°	3368.3	2885.9	2545.7	2217.4	1963.8	1777.9	1620.7	1487.8	1383.4	1296.2	1219.3
25°	4273.5	3541.5	2951.1	2522.7	2177.7	1913.5	1728.6	1574.5	1446.7	1341.6	1249.2
22.5°	5514.4	4406.0	3499.8	2850.1	2424.4	2095.6	1845.8	1660.0	1504.6	1381.4	1280.9
20°	7339.9	5437.0	4209.7	3318.3	2701.2	2270.2	1968.1	1749.4	1569.6	1422.8	1308.6
17.5°	9506.4	6866.6	4986.6	3797.0	3025.3	2494.2	2109.7	1831.7	1628.8	1458.8	1331.2
15°	11815.5	8486.6	6072.3	4436.1	3356.5	2686.2	2227.6	1904.4	1685.1	1498.6	1359.2
12.5°	14764.4	10233.1	7024.4	4969.6	3682.3	2895.0	2364.6	1996.8	1740.5	1541.4	1388.3
10°	17553.9	12054.6	8183.4	5672.1	4078.7	3100.0	2486.2	2067.8	1783.4	1575.5	1412.0
7.5°	20189.5	13805.9	9185.3	6206.9	4384.8	3263.2	2576.3	2119.1	1813.9	1599.3	1430.1
5°	22121.1	15109.3	9969.6	6619.4	4601.2	3381.3	2634.8	2151.0	1832.1	1613.3	1442.4
2.5°	23590.6	15972.9	10446.6	6861.4	4724.8	3451.2	2669.8	2175.3	1849.7	1624.7	1456.0
0°	24265.5	16306.3	10605.9	6989.8	4798.8	3470.7	2685.4	2191.0	1861.4	1628.7	1463.9
-2.5°	23590.6	15972.9	10446.6	6861.4	4724.8	3451.2	2669.8	2175.3	1849.7	1624.7	1456.0
-5°	22121.1	15109.3	9969.6	6619.4	4601.2	3381.3	2634.8	2151.0	1832.1	1613.3	1442.4
-7.5°	20189.5	13805.9	9185.3	6206.9	4384.8	3263.2	2576.3	2119.1	1813.9	1599.3	1430.1
-10°	17553.9	12054.6	8183.4	5672.1	4078.7	3100.0	2486.2	2067.8	1783.4	1575.5	1412.0
-12.5°	14764.4	10233.1	7024.4	4969.6	3682.3	2895.0	2364.6	1996.8	1740.5	1541.4	1388.3
-15°	11815.5	8486.6	6072.3	4436.1	3356.5	2686.2	2227.6	1904.4	1685.1	1498.6	1359.2
-17.5°	9506.4	6866.6	4986.6	3797.0	3025.3	2494.2	2109.7	1831.7	1628.8	1458.8	1331.2
-20°	7339.9	5437.0	4209.7	3318.3	2701.2	2270.2	1968.1	1749.4	1569.6	1422.8	1308.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627989 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	5514.4	4406.0	3499.8	2850.1	2424.4	2095.6	1845.8	1660.0	1504.6	1381.4	1280.9
-25°	4273.5	3541.5	2951.1	2522.7	2177.7	1913.5	1728.6	1574.5	1446.7	1341.6	1249.2
-27.5°	3368.3	2885.9	2545.7	2217.4	1963.8	1777.9	1620.7	1487.8	1383.4	1296.2	1219.3
-30°	2729.6	2449.0	2197.3	1974.3	1800.8	1647.2	1517.0	1415.7	1326.9	1249.1	1182.1
-32.5°	2283.9	2112.9	1929.9	1789.6	1651.9	1532.9	1433.2	1345.5	1270.8	1206.1	1148.9
-35°	1981.1	1860.2	1739.6	1630.4	1526.0	1435.3	1351.8	1283.0	1220.7	1163.6	1115.9
-37.5°	1756.7	1668.4	1584.2	1496.4	1419.2	1345.5	1283.0	1225.6	1171.0	1126.8	1081.4
-40°	1581.6	1514.0	1452.4	1384.6	1326.9	1270.8	1220.7	1170.9	1129.0	1088.5	1045.4
-42.5°	1439.2	1388.8	1342.1	1296.2	1249.1	1206.1	1162.4	1122.6	1084.8	1047.6	1008.5
-45°	1322.7	1289.5	1253.7	1220.0	1182.1	1146.4	1108.0	1074.0	1040.4	1005.5	969.2
-47.5°	1231.2	1206.6	1179.3	1154.4	1125.1	1092.4	1058.9	1026.3	995.0	962.7	933.3
-50°	1154.4	1137.6	1118.8	1098.0	1071.4	1041.6	1010.4	977.8	949.2	921.7	892.5
-52.5°	1092.7	1079.1	1062.3	1042.1	1017.8	990.0	961.0	930.7	902.9	876.0	845.1
-55°	1039.0	1025.3	1007.8	987.2	964.3	940.6	913.9	883.5	853.9	827.6	793.3
-57.5°	983.7	970.9	951.3	933.0	916.2	890.5	861.6	833.1	805.2	776.6	739.5
-60°	913.6	902.5	886.2	869.2	851.9	830.2	801.8	776.6	755.0	713.7	670.4
-62.5°	832.2	823.2	808.7	791.5	773.5	754.1	731.8	704.4	672.2	635.7	599.6
-65°	740.8	727.7	715.1	703.1	689.5	674.1	650.2	622.3	592.4	561.1	528.2
-67.5°	649.1	637.3	627.3	617.5	605.1	589.1	566.0	540.6	513.1	481.7	452.6
-70°	563.3	554.5	544.9	533.5	519.7	504.1	483.9	459.4	431.5	404.3	383.9
-72.5°	481.6	474.2	465.1	453.3	439.8	423.4	403.0	381.3	360.5	340.7	321.8
-75°	399.8	393.9	385.4	371.5	355.5	337.2	320.5	306.9	292.5	277.3	261.4
-77.5°	314.9	309.6	302.2	289.3	276.1	262.7	249.8	238.9	228.2	217.0	205.3
-80°	227.4	223.8	218.9	210.8	202.5	194.2	185.8	177.8	169.3	160.4	151.0
-82.5°	152.5	149.2	145.6	141.7	137.4	132.8	127.7	120.9	113.4	105.2	96.7
-85°	89.9	88.0	86.0	83.7	81.3	78.7	75.8	71.4	67.1	62.9	58.9
-87.5°	36.5	35.8	35.2	34.4	33.6	32.7	31.8	30.8	29.7	28.6	27.4
-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: P627989 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	26.2	24.9	23.6	22.3	20.8	19.4	17.9	16.4	14.8	13.3	11.7
85°	56.7	54.0	50.9	47.3	43.1	38.8	35.8	32.8	29.7	26.5	23.3
82.5°	91.7	88.3	84.8	80.5	74.2	67.7	61.0	54.2	47.2	40.2	34.9
80°	142.0	133.2	124.8	116.4	106.5	96.5	87.6	78.5	69.3	59.8	50.3
77.5°	193.0	180.2	167.0	154.8	142.5	129.8	116.9	103.6	91.1	79.4	67.4
75°	244.9	229.3	213.4	197.0	180.1	163.0	147.5	131.7	115.5	99.0	84.4
72.5°	302.4	282.3	261.5	240.3	220.6	200.4	179.7	159.4	140.6	121.4	102.0
70°	362.5	337.6	312.8	289.1	263.9	237.6	214.0	190.0	165.4	143.6	121.4
67.5°	425.5	400.1	370.8	339.2	310.7	281.1	249.2	220.9	193.4	165.4	140.6
65°	494.6	462.8	432.4	395.8	359.9	325.4	290.8	253.4	220.9	190.0	159.4
62.5°	562.1	523.8	487.3	449.7	410.6	370.9	331.8	289.7	249.0	214.0	179.7
60°	628.8	586.4	541.0	498.4	457.5	415.7	371.3	325.1	280.3	237.6	200.4
57.5°	692.3	647.8	596.5	546.5	500.6	456.9	409.5	359.3	310.6	263.4	220.5
55°	751.4	701.8	648.5	594.2	542.6	494.6	445.4	392.2	339.8	289.0	239.8
52.5°	805.8	753.9	697.1	639.5	583.1	530.9	478.9	423.8	367.8	313.6	260.6
50°	856.5	805.7	745.3	683.5	621.7	566.5	511.9	454.1	394.6	337.2	281.0
47.5°	900.4	852.2	793.8	726.9	661.0	601.6	544.3	483.8	420.1	359.7	300.6
45°	936.3	895.3	839.0	771.7	701.1	638.1	576.1	512.7	446.2	381.3	319.4
42.5°	969.6	931.3	880.6	815.6	742.3	674.0	607.2	541.0	471.6	402.0	337.5
40°	1003.5	963.0	919.2	853.8	780.9	708.5	638.5	568.4	496.1	422.3	354.7
37.5°	1035.1	993.1	948.7	889.3	815.6	741.0	668.5	595.0	518.9	442.6	371.1
35°	1067.2	1020.2	974.4	917.1	845.8	770.6	697.0	620.6	540.5	461.4	386.5
32.5°	1098.0	1045.3	995.8	939.8	873.4	797.2	722.5	642.8	560.6	478.8	400.9
30°	1126.0	1068.8	1016.5	961.8	896.9	820.4	744.1	663.0	579.4	494.7	414.5
27.5°	1148.5	1088.3	1036.1	980.6	915.6	841.2	763.0	681.2	596.6	509.4	427.4
25°	1170.8	1106.4	1051.9	997.8	933.3	862.3	780.6	697.3	611.8	523.3	439.0
22.5°	1195.7	1123.1	1064.2	1014.0	951.3	882.6	797.3	711.3	624.9	535.8	449.3
20°	1217.6	1137.7	1073.5	1026.9	965.6	897.7	813.2	723.9	636.2	546.9	458.3
17.5°	1236.9	1153.2	1085.6	1034.4	976.8	910.7	827.8	735.1	645.7	556.5	466.0
15°	1257.0	1169.4	1096.4	1040.6	985.9	921.5	841.2	744.7	653.4	564.6	472.8
12.5°	1274.9	1182.6	1105.1	1045.4	992.8	930.3	852.9	752.8	659.3	571.5	479.1
10°	1289.8	1192.8	1111.6	1048.7	997.6	937.0	863.0	760.5	665.8	576.8	484.4
7.5°	1301.5	1199.9	1115.8	1050.5	1001.0	942.4	871.6	769.4	671.2	580.4	488.7
5°	1310.0	1205.5	1122.3	1056.5	1005.0	946.7	877.6	776.6	675.2	582.3	491.8
2.5°	1316.4	1210.3	1129.4	1062.2	1007.4	949.2	881.1	782.0	677.7	582.8	493.7
0°	1318.5	1211.8	1134.3	1066.4	1008.2	950.1	882.2	785.3	678.6	581.7	494.4
-2.5°	1316.4	1210.3	1129.4	1062.2	1007.4	949.2	881.1	782.0	677.7	582.8	493.7
-5°	1310.0	1205.5	1122.3	1056.5	1005.0	946.7	877.6	776.6	675.2	582.3	491.8
-7.5°	1301.5	1199.9	1115.8	1050.5	1001.0	942.4	871.6	769.4	671.2	580.4	488.7
-10°	1289.8	1192.8	1111.6	1048.7	997.6	937.0	863.0	760.5	665.8	576.8	484.4
-12.5°	1274.9	1182.6	1105.1	1045.4	992.8	930.3	852.9	752.8	659.3	571.5	479.1
-15°	1257.0	1169.4	1096.4	1040.6	985.9	921.5	841.2	744.7	653.4	564.6	472.8
-17.5°	1236.9	1153.2	1085.6	1034.4	976.8	910.7	827.8	735.1	645.7	556.5	466.0
-20°	1217.6	1137.7	1073.5	1026.9	965.6	897.7	813.2	723.9	636.2	546.9	458.3



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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°	1195.7	1123.1	1064.2	1014.0	951.3	882.6	797.3	711.3	624.9	535.8	449.3
-25°	1170.8	1106.4	1051.9	997.8	933.3	862.3	780.6	697.3	611.8	523.3	439.0
-27.5°	1148.5	1088.3	1036.1	980.6	915.6	841.2	763.0	681.2	596.6	509.4	427.4
-30°	1126.0	1068.8	1016.5	961.8	896.9	820.4	744.1	663.0	579.4	494.7	414.5
-32.5°	1098.0	1045.3	995.8	939.8	873.4	797.2	722.5	642.8	560.6	478.8	400.9
-35°	1067.2	1020.2	974.4	917.1	845.8	770.6	697.0	620.6	540.5	461.4	386.5
-37.5°	1035.1	993.1	948.7	889.3	815.6	741.0	668.5	595.0	518.9	442.6	371.1
-40°	1003.5	963.0	919.2	853.8	780.9	708.5	638.5	568.4	496.1	422.3	354.7
-42.5°	969.6	931.3	880.6	815.6	742.3	674.0	607.2	541.0	471.6	402.0	337.5
-45°	936.3	895.3	839.0	771.7	701.1	638.1	576.1	512.7	446.2	381.3	319.4
-47.5°	900.4	852.2	793.8	726.9	661.0	601.6	544.3	483.8	420.1	359.7	300.6
-50°	856.5	805.7	745.3	683.5	621.7	566.5	511.9	454.1	394.6	337.2	281.0
-52.5°	805.8	753.9	697.1	639.5	583.1	530.9	478.9	423.8	367.8	313.6	260.6
-55°	751.4	701.8	648.5	594.2	542.6	494.6	445.4	392.2	339.8	289.0	239.8
-57.5°	692.3	647.8	596.5	546.5	500.6	456.9	409.5	359.3	310.6	263.4	220.5
-60°	628.8	586.4	541.0	498.4	457.5	415.7	371.3	325.1	280.3	237.6	200.4
-62.5°	562.1	523.8	487.3	449.7	410.6	370.9	331.8	289.7	249.0	214.0	179.7
-65°	494.6	462.8	432.4	395.8	359.9	325.4	290.8	253.4	220.9	190.0	159.4
-67.5°	425.5	400.1	370.8	339.2	310.7	281.1	249.2	220.9	193.4	165.4	140.6
-70°	362.5	337.6	312.8	289.1	263.9	237.6	214.0	190.0	165.4	143.6	121.4
-72.5°	302.4	282.3	261.5	240.3	220.6	200.4	179.7	159.4	140.6	121.4	102.0
-75°	244.9	229.3	213.4	197.0	180.1	163.0	147.5	131.7	115.5	99.0	84.4
-77.5°	193.0	180.2	167.0	154.8	142.5	129.8	116.9	103.6	91.1	79.4	67.4
-80°	142.0	133.2	124.8	116.4	106.5	96.5	87.6	78.5	69.3	59.8	50.3
-82.5°	91.7	88.3	84.8	80.5	74.2	67.7	61.0	54.2	47.2	40.2	34.9
-85°	56.7	54.0	50.9	47.3	43.1	38.8	35.8	32.8	29.7	26.5	23.3
-87.5°	26.2	24.9	23.6	22.3	20.8	19.4	17.9	16.4	14.8	13.3	11.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	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°	10.0	8.4	6.7	5.1	3.4	1.5	0.0
85°	20.1	16.8	13.5	10.1	6.7	3.0	0.0
82.5°	30.0	25.1	20.2	15.2	10.1	4.4	0.0
80°	40.6	33.4	26.8	20.2	13.4	5.9	0.0
77.5°	55.2	42.9	33.4	25.1	16.7	7.3	0.0
75°	69.7	54.5	40.4	30.0	19.9	8.7	0.0
72.5°	83.9	66.0	49.2	34.9	23.0	10.1	0.0
70°	98.2	77.2	57.9	40.0	26.1	11.5	0.0
67.5°	114.4	88.2	66.4	46.1	29.1	12.8	0.0
65°	130.4	100.1	74.6	52.1	32.0	14.2	0.0
62.5°	145.9	113.2	82.7	57.9	34.8	15.4	0.0
60°	161.2	125.9	90.4	63.6	37.5	16.6	0.0
57.5°	177.9	138.2	100.2	69.1	41.0	17.8	0.0
55°	194.5	150.2	109.8	74.4	44.4	19.0	0.0
52.5°	210.5	162.1	119.1	79.5	47.7	20.1	0.0
50°	226.0	175.0	128.1	84.3	51.0	21.1	0.0
47.5°	241.1	187.4	136.7	89.4	54.1	22.1	0.0
45°	257.3	199.4	145.0	95.6	57.2	23.0	0.0
42.5°	272.7	210.7	152.9	101.5	60.1	23.9	0.0
40°	287.4	221.6	161.0	107.3	62.9	24.7	0.0
37.5°	301.3	231.8	169.2	112.9	65.7	25.4	0.0
35°	314.5	242.3	176.9	118.2	68.2	26.1	0.0
32.5°	326.8	252.5	184.1	123.1	70.7	26.7	0.0
30°	338.3	262.0	190.8	127.7	73.0	27.3	0.0
27.5°	348.9	270.8	197.3	132.0	75.1	27.8	0.0
25°	358.6	278.8	203.4	135.9	77.1	28.2	0.0
22.5°	367.3	286.1	208.9	139.5	79.0	28.6	0.0
20°	375.2	292.3	213.8	142.8	80.7	28.9	0.0
17.5°	381.7	297.7	218.2	145.6	82.2	29.1	0.0
15°	387.0	302.1	222.0	148.1	83.5	29.3	0.0
12.5°	391.2	305.6	225.3	150.3	84.6	29.4	0.0
10°	394.5	308.2	227.9	152.0	85.6	29.5	0.0
7.5°	396.8	309.9	230.0	153.4	86.3	29.5	0.0
5°	398.1	310.8	231.5	154.3	86.9	29.4	0.0
2.5°	398.3	310.9	232.4	154.9	87.2	29.3	0.0
0°	397.5	310.2	232.7	155.1	87.3	29.1	0.0
-2.5°	398.3	310.9	232.4	154.9	87.2	29.3	0.0
-5°	398.1	310.8	231.5	154.3	86.9	29.4	0.0
-7.5°	396.8	309.9	230.0	153.4	86.3	29.5	0.0
-10°	394.5	308.2	227.9	152.0	85.6	29.5	0.0
-12.5°	391.2	305.6	225.3	150.3	84.6	29.4	0.0
-15°	387.0	302.1	222.0	148.1	83.5	29.3	0.0
-17.5°	381.7	297.7	218.2	145.6	82.2	29.1	0.0
-20°	375.2	292.3	213.8	142.8	80.7	28.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	367.3	286.1	208.9	139.5	79.0	28.6	0.0
-25°	358.6	278.8	203.4	135.9	77.1	28.2	0.0
-27.5°	348.9	270.8	197.3	132.0	75.1	27.8	0.0
-30°	338.3	262.0	190.8	127.7	73.0	27.3	0.0
-32.5°	326.8	252.5	184.1	123.1	70.7	26.7	0.0
-35°	314.5	242.3	176.9	118.2	68.2	26.1	0.0
-37.5°	301.3	231.8	169.2	112.9	65.7	25.4	0.0
-40°	287.4	221.6	161.0	107.3	62.9	24.7	0.0
-42.5°	272.7	210.7	152.9	101.5	60.1	23.9	0.0
-45°	257.3	199.4	145.0	95.6	57.2	23.0	0.0
-47.5°	241.1	187.4	136.7	89.4	54.1	22.1	0.0
-50°	226.0	175.0	128.1	84.3	51.0	21.1	0.0
-52.5°	210.5	162.1	119.1	79.5	47.7	20.1	0.0
-55°	194.5	150.2	109.8	74.4	44.4	19.0	0.0
-57.5°	177.9	138.2	100.2	69.1	41.0	17.8	0.0
-60°	161.2	125.9	90.4	63.6	37.5	16.6	0.0
-62.5°	145.9	113.2	82.7	57.9	34.8	15.4	0.0
-65°	130.4	100.1	74.6	52.1	32.0	14.2	0.0
-67.5°	114.4	88.2	66.4	46.1	29.1	12.8	0.0
-70°	98.2	77.2	57.9	40.0	26.1	11.5	0.0
-72.5°	83.9	66.0	49.2	34.9	23.0	10.1	0.0
-75°	69.7	54.5	40.4	30.0	19.9	8.7	0.0
-77.5°	55.2	42.9	33.4	25.1	16.7	7.3	0.0
-80°	40.6	33.4	26.8	20.2	13.4	5.9	0.0
-82.5°	30.0	25.1	20.2	15.2	10.1	4.4	0.0
-85°	20.1	16.8	13.5	10.1	6.7	3.0	0.0
-87.5°	10.0	8.4	6.7	5.1	3.4	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)