

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: P626751 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-740-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626751 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-740-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N30
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

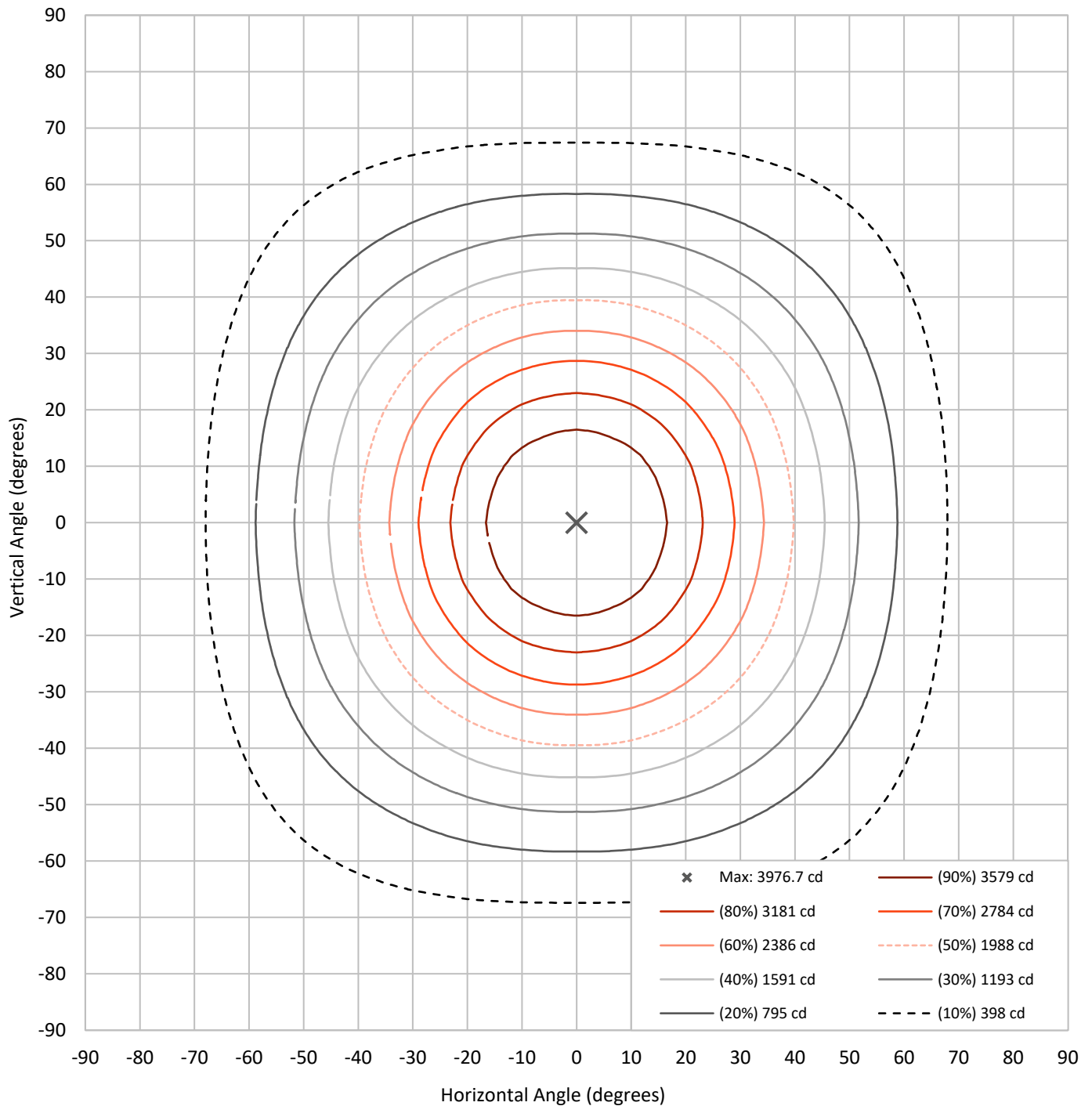
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	7187.6 lumens	Max Intensity:	3976.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	4215.6 lumens	Field Lumens:	6852.1 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	57.3		
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		



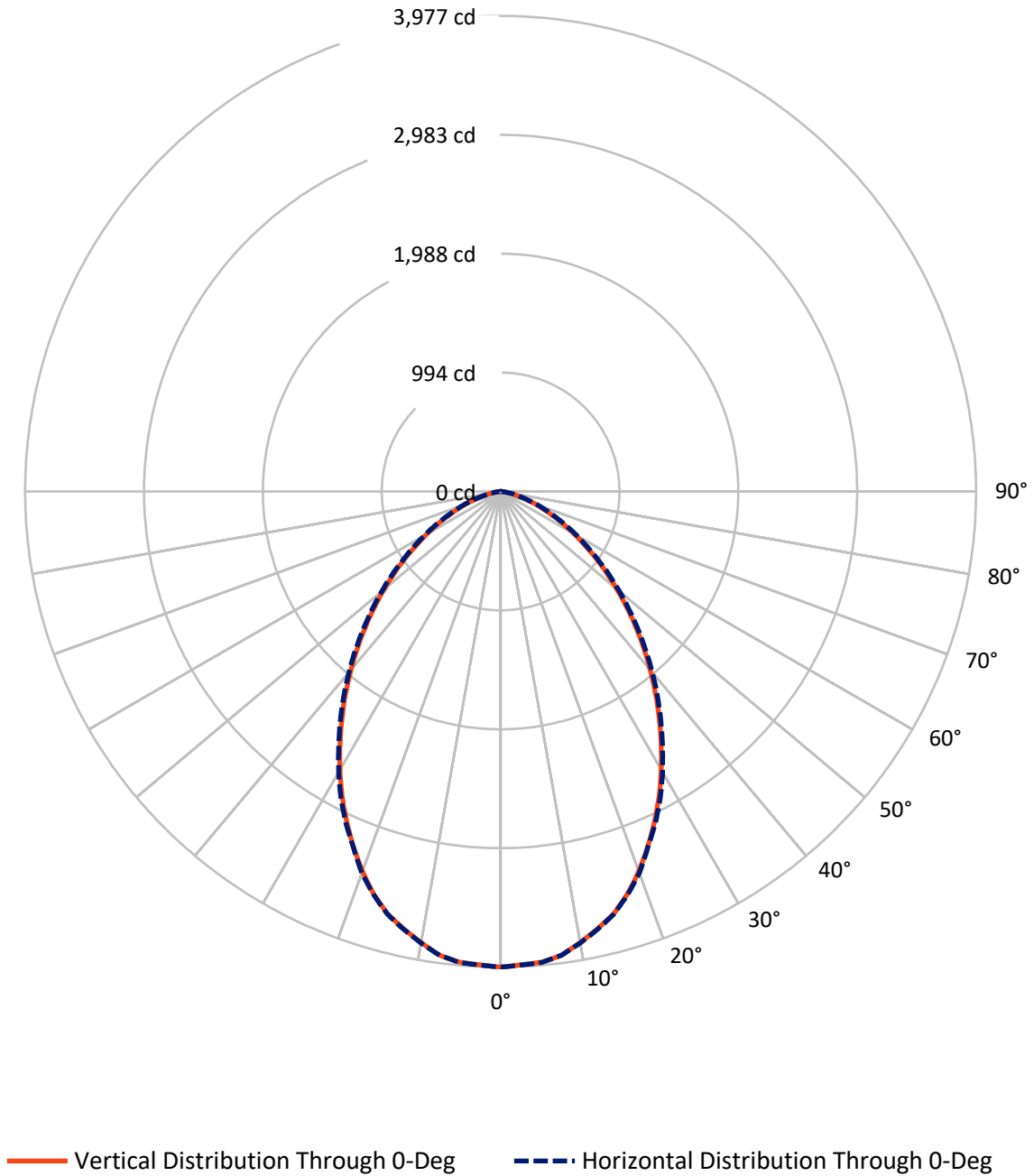
REPORT NUMBER: P626751 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot



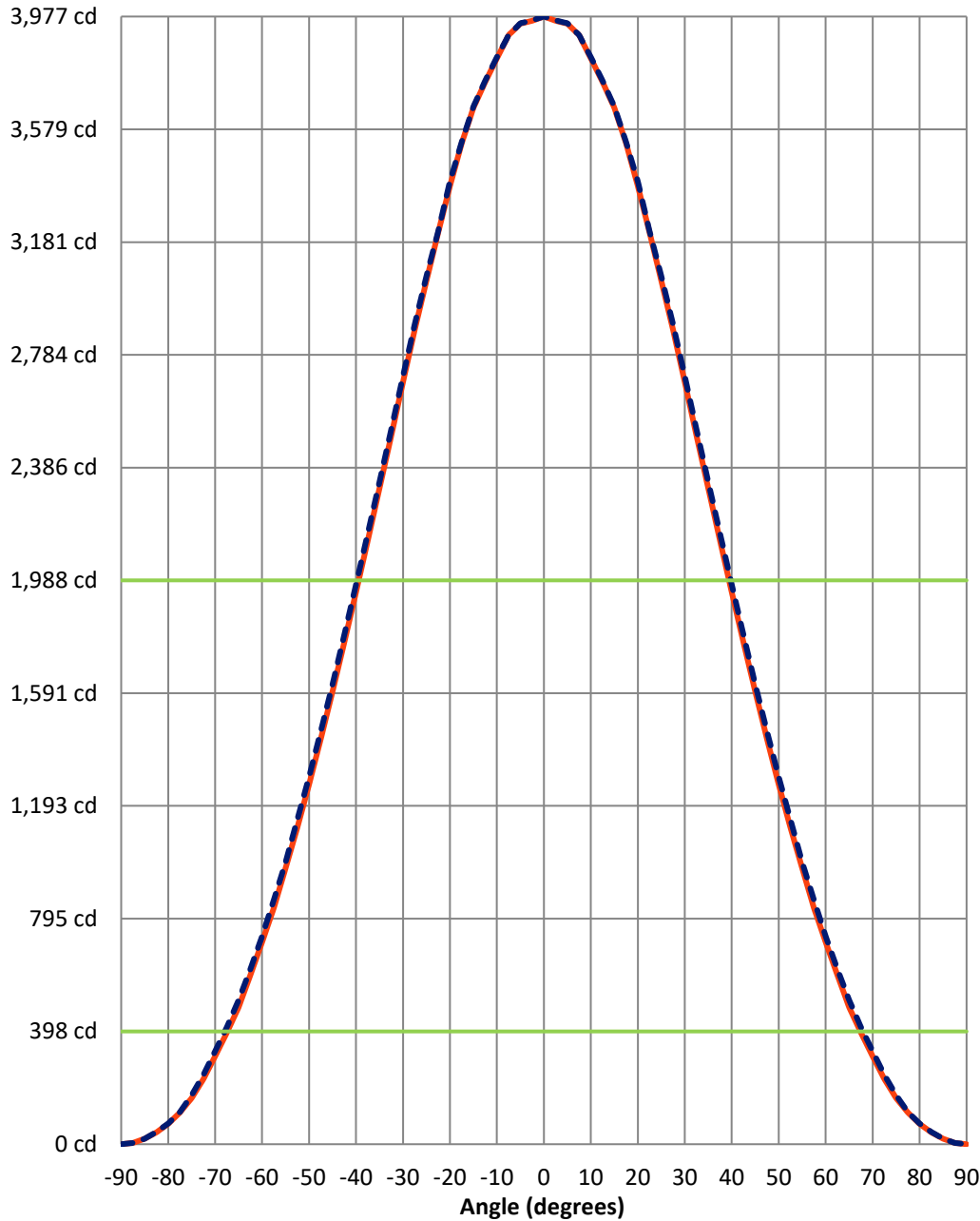
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 4215.6
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 6852.1
 Efficiency: 95.3%

Spill:
 Lumens: 335.5
 Efficiency: 4.7%

— 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	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.7	1.6	2.3	3.1	3.9	4.6	5.4	6.8	10.6	14.3
80°	0.0	0.9	2.1	3.1	4.1	5.2	7.0	12.4	17.6	22.6	27.4
77.5°	0.0	1.1	2.6	3.9	5.2	8.1	15.2	22.0	28.4	34.6	42.2
75°	0.0	1.4	3.1	4.6	6.7	14.0	23.2	31.5	39.6	50.6	62.3
72.5°	0.0	1.6	3.6	5.4	10.7	19.7	30.9	41.8	54.4	67.8	82.0
70°	0.0	1.8	4.0	6.5	14.6	25.2	38.6	54.0	68.9	84.7	103.2
67.5°	0.0	2.0	4.5	8.8	18.3	30.5	47.9	66.0	83.1	103.0	124.2
65°	0.0	2.2	4.9	11.1	21.8	36.4	56.8	77.7	98.4	120.8	143.9
62.5°	0.0	2.4	5.4	13.3	25.1	42.8	65.2	89.9	113.2	137.8	161.6
60°	0.0	2.6	5.8	15.4	28.3	49.0	73.2	102.0	127.4	153.8	178.9
57.5°	0.0	2.8	7.0	17.3	32.5	54.7	81.5	113.3	141.5	169.4	195.4
55°	0.0	2.9	8.1	19.1	36.4	60.0	89.5	123.0	155.3	184.6	211.2
52.5°	0.0	3.1	9.2	20.8	40.1	65.1	96.8	133.1	168.9	198.5	226.7
50°	0.0	3.3	10.2	22.3	43.6	70.5	103.5	142.7	181.7	212.0	244.3
47.5°	0.0	3.4	11.2	23.9	46.7	75.4	109.8	151.7	193.3	225.1	261.6
45°	0.0	3.6	12.2	26.0	49.5	79.9	116.8	159.9	202.3	239.8	278.2
42.5°	0.0	3.7	13.1	27.9	52.0	83.8	123.3	167.5	211.0	254.0	297.7
40°	0.0	3.8	13.9	29.8	54.4	87.3	129.1	174.7	220.0	267.2	316.7
37.5°	0.0	3.9	14.7	31.7	56.9	90.2	134.3	181.5	230.1	279.8	334.5
35°	0.0	4.0	15.4	33.4	59.0	93.6	138.9	187.9	239.9	294.3	352.5
32.5°	0.0	4.1	16.1	35.0	60.8	97.0	143.2	193.9	249.4	308.2	371.5
30°	0.0	4.2	16.7	36.5	62.2	99.9	147.6	199.9	258.6	321.5	389.3
27.5°	0.0	4.3	17.3	37.9	64.4	102.4	151.6	206.9	268.1	334.2	405.7
25°	0.0	4.4	17.8	39.1	66.4	104.3	155.1	213.4	278.0	347.0	421.0
22.5°	0.0	4.4	18.2	40.1	68.1	106.2	158.1	219.3	287.1	359.2	437.3
20°	0.0	4.5	18.6	41.1	69.6	108.8	160.6	224.7	295.4	370.1	451.8
17.5°	0.0	4.5	18.9	41.8	70.9	111.0	163.7	229.3	302.7	379.6	464.7
15°	0.0	4.5	19.1	42.5	71.9	112.7	166.9	233.8	309.1	387.8	475.7
12.5°	0.0	4.6	19.3	42.9	72.7	113.9	169.5	238.0	314.9	394.6	485.0
10°	0.0	4.6	19.5	43.3	73.2	114.6	171.5	241.3	319.9	401.0	492.8
7.5°	0.0	4.6	19.5	43.5	73.5	114.9	172.8	243.5	323.8	406.2	499.6
5°	0.0	4.5	19.5	43.5	73.6	114.8	173.5	244.8	326.4	409.9	504.4
2.5°	0.0	4.5	19.5	43.4	73.4	114.3	173.6	245.1	327.8	412.1	507.3
0°	0.0	4.5	19.4	43.2	73.0	113.3	172.9	244.4	327.9	412.9	508.3
-2.5°	0.0	4.5	19.5	43.4	73.4	114.3	173.6	245.1	327.8	412.1	507.3
-5°	0.0	4.5	19.5	43.5	73.6	114.8	173.5	244.8	326.4	409.9	504.4
-7.5°	0.0	4.6	19.5	43.5	73.5	114.9	172.8	243.5	323.8	406.2	499.6
-10°	0.0	4.6	19.5	43.3	73.2	114.6	171.5	241.3	319.9	401.0	492.8
-12.5°	0.0	4.6	19.3	42.9	72.7	113.9	169.5	238.0	314.9	394.6	485.0
-15°	0.0	4.5	19.1	42.5	71.9	112.7	166.9	233.8	309.1	387.8	475.7
-17.5°	0.0	4.5	18.9	41.8	70.9	111.0	163.7	229.3	302.7	379.6	464.7
-20°	0.0	4.5	18.6	41.1	69.6	108.8	160.6	224.7	295.4	370.1	451.8

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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	4.4	18.2	40.1	68.1	106.2	158.1	219.3	287.1	359.2	437.3
-25°	0.0	4.4	17.8	39.1	66.4	104.3	155.1	213.4	278.0	347.0	421.0
-27.5°	0.0	4.3	17.3	37.9	64.4	102.4	151.6	206.9	268.1	334.2	405.7
-30°	0.0	4.2	16.7	36.5	62.2	99.9	147.6	199.9	258.6	321.5	389.3
-32.5°	0.0	4.1	16.1	35.0	60.8	97.0	143.2	193.9	249.4	308.2	371.5
-35°	0.0	4.0	15.4	33.4	59.0	93.6	138.9	187.9	239.9	294.3	352.5
-37.5°	0.0	3.9	14.7	31.7	56.9	90.2	134.3	181.5	230.1	279.8	334.5
-40°	0.0	3.8	13.9	29.8	54.4	87.3	129.1	174.7	220.0	267.2	316.7
-42.5°	0.0	3.7	13.1	27.9	52.0	83.8	123.3	167.5	211.0	254.0	297.7
-45°	0.0	3.6	12.2	26.0	49.5	79.9	116.8	159.9	202.3	239.8	278.2
-47.5°	0.0	3.4	11.2	23.9	46.7	75.4	109.8	151.7	193.3	225.1	261.6
-50°	0.0	3.3	10.2	22.3	43.6	70.5	103.5	142.7	181.7	212.0	244.3
-52.5°	0.0	3.1	9.2	20.8	40.1	65.1	96.8	133.1	168.9	198.5	226.7
-55°	0.0	2.9	8.1	19.1	36.4	60.0	89.5	123.0	155.3	184.6	211.2
-57.5°	0.0	2.8	7.0	17.3	32.5	54.7	81.5	113.3	141.5	169.4	195.4
-60°	0.0	2.6	5.8	15.4	28.3	49.0	73.2	102.0	127.4	153.8	178.9
-62.5°	0.0	2.4	5.4	13.3	25.1	42.8	65.2	89.9	113.2	137.8	161.6
-65°	0.0	2.2	4.9	11.1	21.8	36.4	56.8	77.7	98.4	120.8	143.9
-67.5°	0.0	2.0	4.5	8.8	18.3	30.5	47.9	66.0	83.1	103.0	124.2
-70°	0.0	1.8	4.0	6.5	14.6	25.2	38.6	54.0	68.9	84.7	103.2
-72.5°	0.0	1.6	3.6	5.4	10.7	19.7	30.9	41.8	54.4	67.8	82.0
-75°	0.0	1.4	3.1	4.6	6.7	14.0	23.2	31.5	39.6	50.6	62.3
-77.5°	0.0	1.1	2.6	3.9	5.2	8.1	15.2	22.0	28.4	34.6	42.2
-80°	0.0	0.9	2.1	3.1	4.1	5.2	7.0	12.4	17.6	22.6	27.4
-82.5°	0.0	0.7	1.6	2.3	3.1	3.9	4.6	5.4	6.8	10.6	14.3
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.2	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-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: P626751 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-XX

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°	2.9	3.4	3.8	4.3	4.3	4.3	4.3	4.2	4.4	4.6	4.8
85°	5.9	6.7	9.3	11.8	13.0	13.8	14.1	14.0	16.3	19.0	21.9
82.5°	18.2	21.9	25.5	28.9	29.7	29.7	29.4	29.5	34.9	41.0	47.3
80°	32.3	37.1	43.4	48.9	51.3	52.6	53.1	53.0	59.8	68.9	78.4
77.5°	51.3	59.2	66.2	72.1	75.2	78.0	80.3	82.1	90.8	102.3	113.6
75°	72.8	81.6	90.3	97.8	103.1	107.1	110.8	116.7	128.1	141.4	153.0
72.5°	95.6	106.8	116.5	124.7	132.1	140.0	148.9	158.6	170.6	183.9	196.1
70°	119.9	132.2	142.3	152.2	162.4	174.2	187.5	200.6	214.0	228.7	242.8
67.5°	143.7	155.5	167.5	180.0	195.2	211.0	226.7	244.7	263.1	279.5	294.0
65°	164.3	178.2	193.2	210.2	228.9	249.0	270.0	291.6	314.9	334.5	352.4
62.5°	184.1	200.8	219.0	240.1	264.0	287.8	314.6	341.6	367.9	391.0	412.3
60°	202.2	222.5	245.5	271.4	299.3	331.0	361.5	392.2	421.1	447.2	474.2
57.5°	219.9	245.4	273.0	304.2	339.5	375.1	410.8	443.9	476.6	508.4	538.9
55°	238.7	269.4	302.2	340.4	380.2	422.3	460.8	497.7	533.7	572.3	609.1
52.5°	259.3	293.6	334.7	377.4	423.4	468.5	510.9	552.9	596.4	640.1	688.0
50°	279.2	321.9	366.9	416.7	466.3	514.7	563.2	611.7	663.8	717.4	771.6
47.5°	302.4	349.0	402.2	455.6	509.8	563.7	617.8	676.3	735.5	797.7	857.6
45°	325.9	378.3	435.7	496.0	554.6	614.3	677.5	742.2	811.6	880.0	952.1
42.5°	348.2	407.5	470.7	535.8	601.0	667.7	737.2	812.8	888.6	967.5	1046.8
40°	372.8	435.2	504.8	576.6	647.4	721.3	800.7	882.6	968.4	1055.1	1141.2
37.5°	396.6	465.1	538.3	615.5	695.0	776.2	862.4	955.3	1048.4	1141.8	1236.8
35°	418.8	493.4	572.8	654.7	739.0	831.4	927.8	1027.0	1127.8	1228.8	1331.0
32.5°	441.7	520.2	605.7	693.4	786.3	885.3	990.9	1098.4	1205.8	1313.7	1425.4
30°	464.6	548.2	637.5	730.0	831.6	939.5	1053.0	1166.9	1280.5	1399.1	1518.2
27.5°	486.2	574.8	668.9	767.8	875.0	989.6	1110.2	1232.1	1354.6	1480.8	1607.8
25°	506.2	600.0	697.9	804.1	917.7	1037.9	1163.5	1290.7	1425.1	1560.1	1692.7
22.5°	525.6	623.2	724.9	837.6	956.5	1082.7	1213.5	1347.9	1488.2	1633.2	1770.5
20°	544.3	645.2	751.1	868.0	991.3	1123.0	1258.9	1399.6	1546.9	1695.8	1843.5
17.5°	560.9	664.8	775.5	896.4	1024.4	1159.9	1299.9	1445.2	1599.0	1753.4	1909.8
15°	575.4	681.9	796.6	921.2	1053.7	1193.4	1337.9	1487.3	1645.1	1805.8	1968.5
12.5°	587.6	696.4	814.4	942.3	1078.6	1222.2	1370.5	1525.2	1687.3	1852.5	2019.9
10°	597.6	708.1	828.8	959.5	1098.9	1246.0	1397.4	1556.5	1723.4	1892.2	2063.1
7.5°	606.0	717.9	840.3	972.8	1114.5	1264.6	1418.3	1580.9	1752.2	1923.1	2097.8
5°	612.2	725.9	850.7	983.9	1128.1	1279.1	1434.2	1598.3	1773.2	1945.2	2123.0
2.5°	615.9	731.0	857.9	991.1	1138.8	1290.0	1448.3	1613.6	1788.6	1962.7	2141.9
0°	617.1	733.3	861.5	994.2	1144.7	1295.3	1456.2	1621.7	1796.1	1973.5	2153.8
-2.5°	615.9	731.0	857.9	991.1	1138.8	1290.0	1448.3	1613.6	1788.6	1962.7	2141.9
-5°	612.2	725.9	850.7	983.9	1128.1	1279.1	1434.2	1598.3	1773.2	1945.2	2123.0
-7.5°	606.0	717.9	840.3	972.8	1114.5	1264.6	1418.3	1580.9	1752.2	1923.1	2097.8
-10°	597.6	708.1	828.8	959.5	1098.9	1246.0	1397.4	1556.5	1723.4	1892.2	2063.1
-12.5°	587.6	696.4	814.4	942.3	1078.6	1222.2	1370.5	1525.2	1687.3	1852.5	2019.9
-15°	575.4	681.9	796.6	921.2	1053.7	1193.4	1337.9	1487.3	1645.1	1805.8	1968.5
-17.5°	560.9	664.8	775.5	896.4	1024.4	1159.9	1299.9	1445.2	1599.0	1753.4	1909.8
-20°	544.3	645.2	751.1	868.0	991.3	1123.0	1258.9	1399.6	1546.9	1695.8	1843.5

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	525.6	623.2	724.9	837.6	956.5	1082.7	1213.5	1347.9	1488.2	1633.2	1770.5
-25°	506.2	600.0	697.9	804.1	917.7	1037.9	1163.5	1290.7	1425.1	1560.1	1692.7
-27.5°	486.2	574.8	668.9	767.8	875.0	989.6	1110.2	1232.1	1354.6	1480.8	1607.8
-30°	464.6	548.2	637.5	730.0	831.6	939.5	1053.0	1166.9	1280.5	1399.1	1518.2
-32.5°	441.7	520.2	605.7	693.4	786.3	885.3	990.9	1098.4	1205.8	1313.7	1425.4
-35°	418.8	493.4	572.8	654.7	739.0	831.4	927.8	1027.0	1127.8	1228.8	1331.0
-37.5°	396.6	465.1	538.3	615.5	695.0	776.2	862.4	955.3	1048.4	1141.8	1236.8
-40°	372.8	435.2	504.8	576.6	647.4	721.3	800.7	882.6	968.4	1055.1	1141.2
-42.5°	348.2	407.5	470.7	535.8	601.0	667.7	737.2	812.8	888.6	967.5	1046.8
-45°	325.9	378.3	435.7	496.0	554.6	614.3	677.5	742.2	811.6	880.0	952.1
-47.5°	302.4	349.0	402.2	455.6	509.8	563.7	617.8	676.3	735.5	797.7	857.6
-50°	279.2	321.9	366.9	416.7	466.3	514.7	563.2	611.7	663.8	717.4	771.6
-52.5°	259.3	293.6	334.7	377.4	423.4	468.5	510.9	552.9	596.4	640.1	688.0
-55°	238.7	269.4	302.2	340.4	380.2	422.3	460.8	497.7	533.7	572.3	609.1
-57.5°	219.9	245.4	273.0	304.2	339.5	375.1	410.8	443.9	476.6	508.4	538.9
-60°	202.2	222.5	245.5	271.4	299.3	331.0	361.5	392.2	421.1	447.2	474.2
-62.5°	184.1	200.8	219.0	240.1	264.0	287.8	314.6	341.6	367.9	391.0	412.3
-65°	164.3	178.2	193.2	210.2	228.9	249.0	270.0	291.6	314.9	334.5	352.4
-67.5°	143.7	155.5	167.5	180.0	195.2	211.0	226.7	244.7	263.1	279.5	294.0
-70°	119.9	132.2	142.3	152.2	162.4	174.2	187.5	200.6	214.0	228.7	242.8
-72.5°	95.6	106.8	116.5	124.7	132.1	140.0	148.9	158.6	170.6	183.9	196.1
-75°	72.8	81.6	90.3	97.8	103.1	107.1	110.8	116.7	128.1	141.4	153.0
-77.5°	51.3	59.2	66.2	72.1	75.2	78.0	80.3	82.1	90.8	102.3	113.6
-80°	32.3	37.1	43.4	48.9	51.3	52.6	53.1	53.0	59.8	68.9	78.4
-82.5°	18.2	21.9	25.5	28.9	29.7	29.7	29.4	29.5	34.9	41.0	47.3
-85°	5.9	6.7	9.3	11.8	13.0	13.8	14.1	14.0	16.3	19.0	21.9
-87.5°	2.9	3.4	3.8	4.3	4.3	4.3	4.3	4.2	4.4	4.6	4.8
-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: P626751 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-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°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.5	5.2
85°	24.9	26.7	28.3	29.9	31.4	32.8	34.2	35.4	36.6	33.4	29.9
82.5°	53.8	58.1	62.2	66.3	70.3	71.4	71.7	71.5	70.9	65.4	59.2
80°	87.8	95.1	102.0	108.8	115.5	116.3	115.5	114.2	112.2	104.9	96.6
77.5°	124.9	134.1	142.1	149.5	156.2	157.5	157.3	157.0	156.5	149.0	140.0
75°	162.9	171.9	180.6	188.0	194.1	197.0	198.4	199.3	199.9	194.5	187.5
72.5°	207.0	216.4	224.1	231.2	237.3	241.7	244.8	247.2	248.8	247.2	244.3
70°	254.9	264.9	273.4	281.5	289.7	296.3	301.3	304.9	307.1	308.6	309.7
67.5°	308.8	322.3	334.0	344.0	354.0	363.3	371.0	377.2	382.1	386.2	389.3
65°	369.5	386.7	402.0	416.0	428.9	442.4	453.5	462.8	470.3	476.5	481.5
62.5°	433.4	454.5	474.1	493.1	511.8	530.1	544.2	557.1	568.5	578.3	586.1
60°	499.7	523.7	550.0	575.1	598.3	619.4	640.4	658.5	674.1	687.0	697.4
57.5°	571.0	602.0	632.8	664.0	693.5	721.1	746.9	769.7	789.0	804.8	818.1
55°	648.0	686.9	722.5	761.9	799.9	834.6	865.1	891.9	915.0	934.4	950.9
52.5°	732.7	779.9	826.3	871.1	914.3	954.4	991.0	1022.2	1049.9	1073.7	1092.7
50°	825.4	879.4	933.1	983.0	1032.6	1078.9	1120.7	1156.9	1189.2	1217.2	1239.2
47.5°	922.3	983.8	1043.8	1100.9	1155.8	1207.2	1252.5	1293.7	1334.0	1366.8	1392.8
45°	1022.9	1091.9	1158.1	1223.4	1283.8	1341.5	1397.3	1448.7	1490.0	1526.2	1556.6
42.5°	1124.8	1201.8	1275.9	1347.0	1413.5	1480.2	1543.0	1599.2	1646.4	1687.5	1722.1
40°	1228.0	1312.3	1393.9	1471.5	1547.5	1620.2	1688.2	1747.5	1800.6	1849.5	1890.2
37.5°	1330.7	1423.4	1513.9	1600.7	1684.4	1763.1	1836.6	1903.6	1963.5	2019.2	2064.4
35°	1433.8	1535.5	1634.5	1730.1	1821.5	1908.5	1988.9	2065.1	2135.8	2192.1	2238.4
32.5°	1536.5	1645.8	1753.6	1858.9	1959.0	2052.7	2139.8	2224.0	2296.7	2358.6	2411.8
30°	1635.9	1754.4	1871.7	1985.9	2093.9	2195.5	2292.0	2381.0	2459.2	2526.9	2586.6
27.5°	1733.4	1860.7	1986.7	2108.6	2225.4	2335.8	2441.1	2537.6	2622.9	2696.6	2759.5
25°	1825.6	1962.4	2096.7	2225.9	2350.8	2472.5	2586.2	2691.5	2782.7	2863.6	2928.1
22.5°	1913.7	2059.6	2200.6	2336.7	2470.2	2601.4	2725.9	2835.9	2932.5	3017.0	3088.5
20°	1995.8	2152.1	2296.4	2440.2	2580.9	2721.0	2854.6	2970.7	3072.9	3162.9	3241.7
17.5°	2072.5	2232.8	2384.8	2537.9	2686.1	2833.1	2968.9	3093.3	3203.6	3299.1	3381.7
15°	2137.4	2299.3	2465.3	2628.8	2785.1	2933.9	3069.6	3199.5	3321.9	3425.3	3509.0
12.5°	2190.0	2358.4	2531.5	2705.1	2870.3	3019.0	3161.0	3292.8	3421.4	3537.5	3614.5
10°	2234.8	2408.2	2586.9	2763.9	2931.4	3088.7	3243.1	3382.4	3508.8	3612.8	3698.7
7.5°	2273.5	2452.1	2633.7	2811.0	2977.9	3140.4	3299.4	3447.4	3575.0	3672.9	3749.5
5°	2302.1	2484.9	2670.0	2848.9	3018.2	3181.2	3340.9	3487.1	3611.6	3711.2	3794.8
2.5°	2322.6	2507.1	2693.4	2872.6	3045.7	3209.1	3372.8	3520.6	3641.2	3732.5	3812.5
0°	2335.7	2520.5	2708.3	2891.6	3061.5	3219.5	3395.4	3534.0	3659.2	3750.2	3833.6
-2.5°	2322.6	2507.1	2693.4	2872.6	3045.7	3209.1	3372.8	3520.6	3641.2	3732.5	3812.5
-5°	2302.1	2484.9	2670.0	2848.9	3018.2	3181.2	3340.9	3487.1	3611.6	3711.2	3794.8
-7.5°	2273.5	2452.1	2633.7	2811.0	2977.9	3140.4	3299.4	3447.4	3575.0	3672.9	3749.5
-10°	2234.8	2408.2	2586.9	2763.9	2931.4	3088.7	3243.1	3382.4	3508.8	3612.8	3698.7
-12.5°	2190.0	2358.4	2531.5	2705.1	2870.3	3019.0	3161.0	3292.8	3421.4	3537.5	3614.5
-15°	2137.4	2299.3	2465.3	2628.8	2785.1	2933.9	3069.6	3199.5	3321.9	3425.3	3509.0
-17.5°	2072.5	2232.8	2384.8	2537.9	2686.1	2833.1	2968.9	3093.3	3203.6	3299.1	3381.7
-20°	1995.8	2152.1	2296.4	2440.2	2580.9	2721.0	2854.6	2970.7	3072.9	3162.9	3241.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626751 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1913.7	2059.6	2200.6	2336.7	2470.2	2601.4	2725.9	2835.9	2932.5	3017.0	3088.5
-25°	1825.6	1962.4	2096.7	2225.9	2350.8	2472.5	2586.2	2691.5	2782.7	2863.6	2928.1
-27.5°	1733.4	1860.7	1986.7	2108.6	2225.4	2335.8	2441.1	2537.6	2622.9	2696.6	2759.5
-30°	1635.9	1754.4	1871.7	1985.9	2093.9	2195.5	2292.0	2381.0	2459.2	2526.9	2586.6
-32.5°	1536.5	1645.8	1753.6	1858.9	1959.0	2052.7	2139.8	2224.0	2296.7	2358.6	2411.8
-35°	1433.8	1535.5	1634.5	1730.1	1821.5	1908.5	1988.9	2065.1	2135.8	2192.1	2238.4
-37.5°	1330.7	1423.4	1513.9	1600.7	1684.4	1763.1	1836.6	1903.6	1963.5	2019.2	2064.4
-40°	1228.0	1312.3	1393.9	1471.5	1547.5	1620.2	1688.2	1747.5	1800.6	1849.5	1890.2
-42.5°	1124.8	1201.8	1275.9	1347.0	1413.5	1480.2	1543.0	1599.2	1646.4	1687.5	1722.1
-45°	1022.9	1091.9	1158.1	1223.4	1283.8	1341.5	1397.3	1448.7	1490.0	1526.2	1556.6
-47.5°	922.3	983.8	1043.8	1100.9	1155.8	1207.2	1252.5	1293.7	1334.0	1366.8	1392.8
-50°	825.4	879.4	933.1	983.0	1032.6	1078.9	1120.7	1156.9	1189.2	1217.2	1239.2
-52.5°	732.7	779.9	826.3	871.1	914.3	954.4	991.0	1022.2	1049.9	1073.7	1092.7
-55°	648.0	686.9	722.5	761.9	799.9	834.6	865.1	891.9	915.0	934.4	950.9
-57.5°	571.0	602.0	632.8	664.0	693.5	721.1	746.9	769.7	789.0	804.8	818.1
-60°	499.7	523.7	550.0	575.1	598.3	619.4	640.4	658.5	674.1	687.0	697.4
-62.5°	433.4	454.5	474.1	493.1	511.8	530.1	544.2	557.1	568.5	578.3	586.1
-65°	369.5	386.7	402.0	416.0	428.9	442.4	453.5	462.8	470.3	476.5	481.5
-67.5°	308.8	322.3	334.0	344.0	354.0	363.3	371.0	377.2	382.1	386.2	389.3
-70°	254.9	264.9	273.4	281.5	289.7	296.3	301.3	304.9	307.1	308.6	309.7
-72.5°	207.0	216.4	224.1	231.2	237.3	241.7	244.8	247.2	248.8	247.2	244.3
-75°	162.9	171.9	180.6	188.0	194.1	197.0	198.4	199.3	199.9	194.5	187.5
-77.5°	124.9	134.1	142.1	149.5	156.2	157.5	157.3	157.0	156.5	149.0	140.0
-80°	87.8	95.1	102.0	108.8	115.5	116.3	115.5	114.2	112.2	104.9	96.6
-82.5°	53.8	58.1	62.2	66.3	70.3	71.4	71.7	71.5	70.9	65.4	59.2
-85°	24.9	26.7	28.3	29.9	31.4	32.8	34.2	35.4	36.6	33.4	29.9
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.5	5.2
-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: P626751 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-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°	4.8	4.5	4.5	4.5	4.5	4.5	4.8	5.2	5.5	5.8	5.7
85°	26.2	22.3	20.9	19.4	20.9	22.3	26.2	29.9	33.4	36.6	35.4
82.5°	52.8	46.0	43.9	41.7	43.9	46.0	52.8	59.2	65.4	70.9	71.5
80°	87.9	78.8	75.2	71.5	75.2	78.8	87.9	96.6	104.9	112.2	114.2
77.5°	130.4	120.4	116.2	111.8	116.2	120.4	130.4	140.0	149.0	156.5	157.0
75°	180.2	172.3	167.6	162.5	167.6	172.3	180.2	187.5	194.5	199.9	199.3
72.5°	241.1	237.2	233.8	229.5	233.8	237.2	241.1	244.3	247.2	248.8	247.2
70°	310.1	309.6	310.2	310.0	310.2	309.6	310.1	309.7	308.6	307.1	304.9
67.5°	391.0	391.1	392.8	393.5	392.8	391.1	391.0	389.3	386.2	382.1	377.2
65°	484.6	485.7	485.3	482.9	485.3	485.7	484.6	481.5	476.5	470.3	462.8
62.5°	591.6	594.9	596.6	596.2	596.6	594.9	591.6	586.1	578.3	568.5	557.1
60°	705.2	710.2	712.8	712.5	712.8	710.2	705.2	697.4	687.0	674.1	658.5
57.5°	828.0	834.4	835.9	833.2	835.9	834.4	828.0	818.1	804.8	789.0	769.7
55°	963.4	971.7	974.8	973.3	974.8	971.7	963.4	950.9	934.4	915.0	891.9
52.5°	1106.6	1115.6	1118.7	1116.4	1118.7	1115.6	1106.6	1092.7	1073.7	1049.9	1022.2
50°	1255.3	1266.2	1270.5	1268.4	1270.5	1266.2	1255.3	1239.2	1217.2	1189.2	1156.9
47.5°	1413.2	1427.6	1433.2	1429.4	1433.2	1427.6	1413.2	1392.8	1366.8	1334.0	1293.7
45°	1579.3	1594.3	1600.1	1596.4	1600.1	1594.3	1579.3	1556.6	1526.2	1490.0	1448.7
42.5°	1748.5	1767.9	1776.1	1769.3	1776.1	1767.9	1748.5	1722.1	1687.5	1646.4	1599.2
40°	1920.5	1941.7	1951.4	1946.6	1951.4	1941.7	1920.5	1890.2	1849.5	1800.6	1747.5
37.5°	2097.1	2118.0	2128.3	2128.5	2128.3	2118.0	2097.1	2064.4	2019.2	1963.5	1903.6
35°	2274.2	2299.6	2314.0	2313.3	2314.0	2299.6	2274.2	2238.4	2192.1	2135.8	2065.1
32.5°	2453.8	2481.3	2496.1	2498.1	2496.1	2481.3	2453.8	2411.8	2358.6	2296.7	2224.0
30°	2633.2	2663.4	2680.4	2687.4	2680.4	2663.4	2633.2	2586.6	2526.9	2459.2	2381.0
27.5°	2807.1	2844.3	2870.0	2872.2	2870.0	2844.3	2807.1	2759.5	2696.6	2622.9	2537.6
25°	2975.6	3013.5	3039.8	3045.1	3039.8	3013.5	2975.6	2928.1	2863.6	2782.7	2691.5
22.5°	3141.6	3181.2	3205.5	3215.1	3205.5	3181.2	3141.6	3088.5	3017.0	2932.5	2835.9
20°	3300.0	3343.0	3368.7	3379.0	3368.7	3343.0	3300.0	3241.7	3162.9	3072.9	2970.7
17.5°	3443.4	3488.8	3520.6	3529.6	3520.6	3488.8	3443.4	3381.7	3299.1	3203.6	3093.3
15°	3569.6	3612.6	3642.9	3654.8	3642.9	3612.6	3569.6	3509.0	3425.3	3321.9	3199.5
12.5°	3672.3	3710.8	3734.4	3745.7	3734.4	3710.8	3672.3	3614.5	3537.5	3421.4	3292.8
10°	3752.6	3791.2	3813.7	3829.2	3813.7	3791.2	3752.6	3698.7	3612.8	3508.8	3382.4
7.5°	3822.2	3861.8	3889.4	3911.1	3889.4	3861.8	3822.2	3749.5	3672.9	3575.0	3447.4
5°	3860.6	3926.7	3936.6	3951.4	3936.6	3926.7	3860.6	3794.8	3711.2	3611.6	3487.1
2.5°	3889.9	3936.8	3964.9	3961.8	3964.9	3936.8	3889.9	3812.5	3732.5	3641.2	3520.6
0°	3911.1	3952.9	3963.3	3976.7	3963.3	3952.9	3911.1	3833.6	3750.2	3659.2	3534.0
-2.5°	3889.9	3936.8	3964.9	3961.8	3964.9	3936.8	3889.9	3812.5	3732.5	3641.2	3520.6
-5°	3860.6	3926.7	3936.6	3951.4	3936.6	3926.7	3860.6	3794.8	3711.2	3611.6	3487.1
-7.5°	3822.2	3861.8	3889.4	3911.1	3889.4	3861.8	3822.2	3749.5	3672.9	3575.0	3447.4
-10°	3752.6	3791.2	3813.7	3829.2	3813.7	3791.2	3752.6	3698.7	3612.8	3508.8	3382.4
-12.5°	3672.3	3710.8	3734.4	3745.7	3734.4	3710.8	3672.3	3614.5	3537.5	3421.4	3292.8
-15°	3569.6	3612.6	3642.9	3654.8	3642.9	3612.6	3569.6	3509.0	3425.3	3321.9	3199.5
-17.5°	3443.4	3488.8	3520.6	3529.6	3520.6	3488.8	3443.4	3381.7	3299.1	3203.6	3093.3
-20°	3300.0	3343.0	3368.7	3379.0	3368.7	3343.0	3300.0	3241.7	3162.9	3072.9	2970.7



REPORT NUMBER: P626751 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3141.6	3181.2	3205.5	3215.1	3205.5	3181.2	3141.6	3088.5	3017.0	2932.5	2835.9
-25°	2975.6	3013.5	3039.8	3045.1	3039.8	3013.5	2975.6	2928.1	2863.6	2782.7	2691.5
-27.5°	2807.1	2844.3	2870.0	2872.2	2870.0	2844.3	2807.1	2759.5	2696.6	2622.9	2537.6
-30°	2633.2	2663.4	2680.4	2687.4	2680.4	2663.4	2633.2	2586.6	2526.9	2459.2	2381.0
-32.5°	2453.8	2481.3	2496.1	2498.1	2496.1	2481.3	2453.8	2411.8	2358.6	2296.7	2224.0
-35°	2274.2	2299.6	2314.0	2313.3	2314.0	2299.6	2274.2	2238.4	2192.1	2135.8	2065.1
-37.5°	2097.1	2118.0	2128.3	2128.5	2128.3	2118.0	2097.1	2064.4	2019.2	1963.5	1903.6
-40°	1920.5	1941.7	1951.4	1946.6	1951.4	1941.7	1920.5	1890.2	1849.5	1800.6	1747.5
-42.5°	1748.5	1767.9	1776.1	1769.3	1776.1	1767.9	1748.5	1722.1	1687.5	1646.4	1599.2
-45°	1579.3	1594.3	1600.1	1596.4	1600.1	1594.3	1579.3	1556.6	1526.2	1490.0	1448.7
-47.5°	1413.2	1427.6	1433.2	1429.4	1433.2	1427.6	1413.2	1392.8	1366.8	1334.0	1293.7
-50°	1255.3	1266.2	1270.5	1268.4	1270.5	1266.2	1255.3	1239.2	1217.2	1189.2	1156.9
-52.5°	1106.6	1115.6	1118.7	1116.4	1118.7	1115.6	1106.6	1092.7	1073.7	1049.9	1022.2
-55°	963.4	971.7	974.8	973.3	974.8	971.7	963.4	950.9	934.4	915.0	891.9
-57.5°	828.0	834.4	835.9	833.2	835.9	834.4	828.0	818.1	804.8	789.0	769.7
-60°	705.2	710.2	712.8	712.5	712.8	710.2	705.2	697.4	687.0	674.1	658.5
-62.5°	591.6	594.9	596.6	596.2	596.6	594.9	591.6	586.1	578.3	568.5	557.1
-65°	484.6	485.7	485.3	482.9	485.3	485.7	484.6	481.5	476.5	470.3	462.8
-67.5°	391.0	391.1	392.8	393.5	392.8	391.1	391.0	389.3	386.2	382.1	377.2
-70°	310.1	309.6	310.2	310.0	310.2	309.6	310.1	309.7	308.6	307.1	304.9
-72.5°	241.1	237.2	233.8	229.5	233.8	237.2	241.1	244.3	247.2	248.8	247.2
-75°	180.2	172.3	167.6	162.5	167.6	172.3	180.2	187.5	194.5	199.9	199.3
-77.5°	130.4	120.4	116.2	111.8	116.2	120.4	130.4	140.0	149.0	156.5	157.0
-80°	87.9	78.8	75.2	71.5	75.2	78.8	87.9	96.6	104.9	112.2	114.2
-82.5°	52.8	46.0	43.9	41.7	43.9	46.0	52.8	59.2	65.4	70.9	71.5
-85°	26.2	22.3	20.9	19.4	20.9	22.3	26.2	29.9	33.4	36.6	35.4
-87.5°	4.8	4.5	4.5	4.5	4.5	4.5	4.8	5.2	5.5	5.8	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626751 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-VWR-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°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
85°	34.2	32.8	31.4	29.9	28.3	26.7	24.9	21.9	19.0	16.3	14.0
82.5°	71.7	71.4	70.3	66.3	62.2	58.1	53.8	47.3	41.0	34.9	29.5
80°	115.5	116.3	115.5	108.8	102.0	95.1	87.8	78.4	68.9	59.8	53.0
77.5°	157.3	157.5	156.2	149.5	142.1	134.1	124.9	113.6	102.3	90.8	82.1
75°	198.4	197.0	194.1	188.0	180.6	171.9	162.9	153.0	141.4	128.1	116.7
72.5°	244.8	241.7	237.3	231.2	224.1	216.4	207.0	196.1	183.9	170.6	158.6
70°	301.3	296.3	289.7	281.5	273.4	264.9	254.9	242.8	228.7	214.0	200.6
67.5°	371.0	363.3	354.0	344.0	334.0	322.3	308.8	294.0	279.5	263.1	244.7
65°	453.5	442.4	428.9	416.0	402.0	386.7	369.5	352.4	334.5	314.9	291.6
62.5°	544.2	530.1	511.8	493.1	474.1	454.5	433.4	412.3	391.0	367.9	341.6
60°	640.4	619.4	598.3	575.1	550.0	523.7	499.7	474.2	447.2	421.1	392.2
57.5°	746.9	721.1	693.5	664.0	632.8	602.0	571.0	538.9	508.4	476.6	443.9
55°	865.1	834.6	799.9	761.9	722.5	686.9	648.0	609.1	572.3	533.7	497.7
52.5°	991.0	954.4	914.3	871.1	826.3	779.9	732.7	688.0	640.1	596.4	552.9
50°	1120.7	1078.9	1032.6	983.0	933.1	879.4	825.4	771.6	717.4	663.8	611.7
47.5°	1252.5	1207.2	1155.8	1100.9	1043.8	983.8	922.3	857.6	797.7	735.5	676.3
45°	1397.3	1341.5	1283.8	1223.4	1158.1	1091.9	1022.9	952.1	880.0	811.6	742.2
42.5°	1543.0	1480.2	1413.5	1347.0	1275.9	1201.8	1124.8	1046.8	967.5	888.6	812.8
40°	1688.2	1620.2	1547.5	1471.5	1393.9	1312.3	1228.0	1141.2	1055.1	968.4	882.6
37.5°	1836.6	1763.1	1684.4	1600.7	1513.9	1423.4	1330.7	1236.8	1141.8	1048.4	955.3
35°	1988.9	1908.5	1821.5	1730.1	1634.5	1535.5	1433.8	1331.0	1228.8	1127.8	1027.0
32.5°	2139.8	2052.7	1959.0	1858.9	1753.6	1645.8	1536.5	1425.4	1313.7	1205.8	1098.4
30°	2292.0	2195.5	2093.9	1985.9	1871.7	1754.4	1635.9	1518.2	1399.1	1280.5	1166.9
27.5°	2441.1	2335.8	2225.4	2108.6	1986.7	1860.7	1733.4	1607.8	1480.8	1354.6	1232.1
25°	2586.2	2472.5	2350.8	2225.9	2096.7	1962.4	1825.6	1692.7	1560.1	1425.1	1290.7
22.5°	2725.9	2601.4	2470.2	2336.7	2200.6	2059.6	1913.7	1770.5	1633.2	1488.2	1347.9
20°	2854.6	2721.0	2580.9	2440.2	2296.4	2152.1	1995.8	1843.5	1695.8	1546.9	1399.6
17.5°	2968.9	2833.1	2686.1	2537.9	2384.8	2232.8	2072.5	1909.8	1753.4	1599.0	1445.2
15°	3069.6	2933.9	2785.1	2628.8	2465.3	2299.3	2137.4	1968.5	1805.8	1645.1	1487.3
12.5°	3161.0	3019.0	2870.3	2705.1	2531.5	2358.4	2190.0	2019.9	1852.5	1687.3	1525.2
10°	3243.1	3088.7	2931.4	2763.9	2586.9	2408.2	2234.8	2063.1	1892.2	1723.4	1556.5
7.5°	3299.4	3140.4	2977.9	2811.0	2633.7	2452.1	2273.5	2097.8	1923.1	1752.2	1580.9
5°	3340.9	3181.2	3018.2	2848.9	2670.0	2484.9	2302.1	2123.0	1945.2	1773.2	1598.3
2.5°	3372.8	3209.1	3045.7	2872.6	2693.4	2507.1	2322.6	2141.9	1962.7	1788.6	1613.6
0°	3395.4	3219.5	3061.5	2891.6	2708.3	2520.5	2335.7	2153.8	1973.5	1796.1	1621.7
-2.5°	3372.8	3209.1	3045.7	2872.6	2693.4	2507.1	2322.6	2141.9	1962.7	1788.6	1613.6
-5°	3340.9	3181.2	3018.2	2848.9	2670.0	2484.9	2302.1	2123.0	1945.2	1773.2	1598.3
-7.5°	3299.4	3140.4	2977.9	2811.0	2633.7	2452.1	2273.5	2097.8	1923.1	1752.2	1580.9
-10°	3243.1	3088.7	2931.4	2763.9	2586.9	2408.2	2234.8	2063.1	1892.2	1723.4	1556.5
-12.5°	3161.0	3019.0	2870.3	2705.1	2531.5	2358.4	2190.0	2019.9	1852.5	1687.3	1525.2
-15°	3069.6	2933.9	2785.1	2628.8	2465.3	2299.3	2137.4	1968.5	1805.8	1645.1	1487.3
-17.5°	2968.9	2833.1	2686.1	2537.9	2384.8	2232.8	2072.5	1909.8	1753.4	1599.0	1445.2
-20°	2854.6	2721.0	2580.9	2440.2	2296.4	2152.1	1995.8	1843.5	1695.8	1546.9	1399.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626751 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2725.9	2601.4	2470.2	2336.7	2200.6	2059.6	1913.7	1770.5	1633.2	1488.2	1347.9
-25°	2586.2	2472.5	2350.8	2225.9	2096.7	1962.4	1825.6	1692.7	1560.1	1425.1	1290.7
-27.5°	2441.1	2335.8	2225.4	2108.6	1986.7	1860.7	1733.4	1607.8	1480.8	1354.6	1232.1
-30°	2292.0	2195.5	2093.9	1985.9	1871.7	1754.4	1635.9	1518.2	1399.1	1280.5	1166.9
-32.5°	2139.8	2052.7	1959.0	1858.9	1753.6	1645.8	1536.5	1425.4	1313.7	1205.8	1098.4
-35°	1988.9	1908.5	1821.5	1730.1	1634.5	1535.5	1433.8	1331.0	1228.8	1127.8	1027.0
-37.5°	1836.6	1763.1	1684.4	1600.7	1513.9	1423.4	1330.7	1236.8	1141.8	1048.4	955.3
-40°	1688.2	1620.2	1547.5	1471.5	1393.9	1312.3	1228.0	1141.2	1055.1	968.4	882.6
-42.5°	1543.0	1480.2	1413.5	1347.0	1275.9	1201.8	1124.8	1046.8	967.5	888.6	812.8
-45°	1397.3	1341.5	1283.8	1223.4	1158.1	1091.9	1022.9	952.1	880.0	811.6	742.2
-47.5°	1252.5	1207.2	1155.8	1100.9	1043.8	983.8	922.3	857.6	797.7	735.5	676.3
-50°	1120.7	1078.9	1032.6	983.0	933.1	879.4	825.4	771.6	717.4	663.8	611.7
-52.5°	991.0	954.4	914.3	871.1	826.3	779.9	732.7	688.0	640.1	596.4	552.9
-55°	865.1	834.6	799.9	761.9	722.5	686.9	648.0	609.1	572.3	533.7	497.7
-57.5°	746.9	721.1	693.5	664.0	632.8	602.0	571.0	538.9	508.4	476.6	443.9
-60°	640.4	619.4	598.3	575.1	550.0	523.7	499.7	474.2	447.2	421.1	392.2
-62.5°	544.2	530.1	511.8	493.1	474.1	454.5	433.4	412.3	391.0	367.9	341.6
-65°	453.5	442.4	428.9	416.0	402.0	386.7	369.5	352.4	334.5	314.9	291.6
-67.5°	371.0	363.3	354.0	344.0	334.0	322.3	308.8	294.0	279.5	263.1	244.7
-70°	301.3	296.3	289.7	281.5	273.4	264.9	254.9	242.8	228.7	214.0	200.6
-72.5°	244.8	241.7	237.3	231.2	224.1	216.4	207.0	196.1	183.9	170.6	158.6
-75°	198.4	197.0	194.1	188.0	180.6	171.9	162.9	153.0	141.4	128.1	116.7
-77.5°	157.3	157.5	156.2	149.5	142.1	134.1	124.9	113.6	102.3	90.8	82.1
-80°	115.5	116.3	115.5	108.8	102.0	95.1	87.8	78.4	68.9	59.8	53.0
-82.5°	71.7	71.4	70.3	66.3	62.2	58.1	53.8	47.3	41.0	34.9	29.5
-85°	34.2	32.8	31.4	29.9	28.3	26.7	24.9	21.9	19.0	16.3	14.0
-87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
-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: P626751 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-VWR-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°	4.3	4.3	4.3	4.3	3.8	3.4	2.9	2.5	2.3	2.1	1.8
85°	14.1	13.8	13.0	11.8	9.3	6.7	5.9	5.1	4.6	4.1	3.6
82.5°	29.4	29.7	29.7	28.9	25.5	21.9	18.2	14.3	10.6	6.8	5.4
80°	53.1	52.6	51.3	48.9	43.4	37.1	32.3	27.4	22.6	17.6	12.4
77.5°	80.3	78.0	75.2	72.1	66.2	59.2	51.3	42.2	34.6	28.4	22.0
75°	110.8	107.1	103.1	97.8	90.3	81.6	72.8	62.3	50.6	39.6	31.5
72.5°	148.9	140.0	132.1	124.7	116.5	106.8	95.6	82.0	67.8	54.4	41.8
70°	187.5	174.2	162.4	152.2	142.3	132.2	119.9	103.2	84.7	68.9	54.0
67.5°	226.7	211.0	195.2	180.0	167.5	155.5	143.7	124.2	103.0	83.1	66.0
65°	270.0	249.0	228.9	210.2	193.2	178.2	164.3	143.9	120.8	98.4	77.7
62.5°	314.6	287.8	264.0	240.1	219.0	200.8	184.1	161.6	137.8	113.2	89.9
60°	361.5	331.0	299.3	271.4	245.5	222.5	202.2	178.9	153.8	127.4	102.0
57.5°	410.8	375.1	339.5	304.2	273.0	245.4	219.9	195.4	169.4	141.5	113.3
55°	460.8	422.3	380.2	340.4	302.2	269.4	238.7	211.2	184.6	155.3	123.0
52.5°	510.9	468.5	423.4	377.4	334.7	293.6	259.3	226.7	198.5	168.9	133.1
50°	563.2	514.7	466.3	416.7	366.9	321.9	279.2	244.3	212.0	181.7	142.7
47.5°	617.8	563.7	509.8	455.6	402.2	349.0	302.4	261.6	225.1	193.3	151.7
45°	677.5	614.3	554.6	496.0	435.7	378.3	325.9	278.2	239.8	202.3	159.9
42.5°	737.2	667.7	601.0	535.8	470.7	407.5	348.2	297.7	254.0	211.0	167.5
40°	800.7	721.3	647.4	576.6	504.8	435.2	372.8	316.7	267.2	220.0	174.7
37.5°	862.4	776.2	695.0	615.5	538.3	465.1	396.6	334.5	279.8	230.1	181.5
35°	927.8	831.4	739.0	654.7	572.8	493.4	418.8	352.5	294.3	239.9	187.9
32.5°	990.9	885.3	786.3	693.4	605.7	520.2	441.7	371.5	308.2	249.4	193.9
30°	1053.0	939.5	831.6	730.0	637.5	548.2	464.6	389.3	321.5	258.6	199.9
27.5°	1110.2	989.6	875.0	767.8	668.9	574.8	486.2	405.7	334.2	268.1	206.9
25°	1163.5	1037.9	917.7	804.1	697.9	600.0	506.2	421.0	347.0	278.0	213.4
22.5°	1213.5	1082.7	956.5	837.6	724.9	623.2	525.6	437.3	359.2	287.1	219.3
20°	1258.9	1123.0	991.3	868.0	751.1	645.2	544.3	451.8	370.1	295.4	224.7
17.5°	1299.9	1159.9	1024.4	896.4	775.5	664.8	560.9	464.7	379.6	302.7	229.3
15°	1337.9	1193.4	1053.7	921.2	796.6	681.9	575.4	475.7	387.8	309.1	233.8
12.5°	1370.5	1222.2	1078.6	942.3	814.4	696.4	587.6	485.0	394.6	314.9	238.0
10°	1397.4	1246.0	1098.9	959.5	828.8	708.1	597.6	492.8	401.0	319.9	241.3
7.5°	1418.3	1264.6	1114.5	972.8	840.3	717.9	606.0	499.6	406.2	323.8	243.5
5°	1434.2	1279.1	1128.1	983.9	850.7	725.9	612.2	504.4	409.9	326.4	244.8
2.5°	1448.3	1290.0	1138.8	991.1	857.9	731.0	615.9	507.3	412.1	327.8	245.1
0°	1456.2	1295.3	1144.7	994.2	861.5	733.3	617.1	508.3	412.9	327.9	244.4
-2.5°	1448.3	1290.0	1138.8	991.1	857.9	731.0	615.9	507.3	412.1	327.8	245.1
-5°	1434.2	1279.1	1128.1	983.9	850.7	725.9	612.2	504.4	409.9	326.4	244.8
-7.5°	1418.3	1264.6	1114.5	972.8	840.3	717.9	606.0	499.6	406.2	323.8	243.5
-10°	1397.4	1246.0	1098.9	959.5	828.8	708.1	597.6	492.8	401.0	319.9	241.3
-12.5°	1370.5	1222.2	1078.6	942.3	814.4	696.4	587.6	485.0	394.6	314.9	238.0
-15°	1337.9	1193.4	1053.7	921.2	796.6	681.9	575.4	475.7	387.8	309.1	233.8
-17.5°	1299.9	1159.9	1024.4	896.4	775.5	664.8	560.9	464.7	379.6	302.7	229.3
-20°	1258.9	1123.0	991.3	868.0	751.1	645.2	544.3	451.8	370.1	295.4	224.7



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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°	1213.5	1082.7	956.5	837.6	724.9	623.2	525.6	437.3	359.2	287.1	219.3
-25°	1163.5	1037.9	917.7	804.1	697.9	600.0	506.2	421.0	347.0	278.0	213.4
-27.5°	1110.2	989.6	875.0	767.8	668.9	574.8	486.2	405.7	334.2	268.1	206.9
-30°	1053.0	939.5	831.6	730.0	637.5	548.2	464.6	389.3	321.5	258.6	199.9
-32.5°	990.9	885.3	786.3	693.4	605.7	520.2	441.7	371.5	308.2	249.4	193.9
-35°	927.8	831.4	739.0	654.7	572.8	493.4	418.8	352.5	294.3	239.9	187.9
-37.5°	862.4	776.2	695.0	615.5	538.3	465.1	396.6	334.5	279.8	230.1	181.5
-40°	800.7	721.3	647.4	576.6	504.8	435.2	372.8	316.7	267.2	220.0	174.7
-42.5°	737.2	667.7	601.0	535.8	470.7	407.5	348.2	297.7	254.0	211.0	167.5
-45°	677.5	614.3	554.6	496.0	435.7	378.3	325.9	278.2	239.8	202.3	159.9
-47.5°	617.8	563.7	509.8	455.6	402.2	349.0	302.4	261.6	225.1	193.3	151.7
-50°	563.2	514.7	466.3	416.7	366.9	321.9	279.2	244.3	212.0	181.7	142.7
-52.5°	510.9	468.5	423.4	377.4	334.7	293.6	259.3	226.7	198.5	168.9	133.1
-55°	460.8	422.3	380.2	340.4	302.2	269.4	238.7	211.2	184.6	155.3	123.0
-57.5°	410.8	375.1	339.5	304.2	273.0	245.4	219.9	195.4	169.4	141.5	113.3
-60°	361.5	331.0	299.3	271.4	245.5	222.5	202.2	178.9	153.8	127.4	102.0
-62.5°	314.6	287.8	264.0	240.1	219.0	200.8	184.1	161.6	137.8	113.2	89.9
-65°	270.0	249.0	228.9	210.2	193.2	178.2	164.3	143.9	120.8	98.4	77.7
-67.5°	226.7	211.0	195.2	180.0	167.5	155.5	143.7	124.2	103.0	83.1	66.0
-70°	187.5	174.2	162.4	152.2	142.3	132.2	119.9	103.2	84.7	68.9	54.0
-72.5°	148.9	140.0	132.1	124.7	116.5	106.8	95.6	82.0	67.8	54.4	41.8
-75°	110.8	107.1	103.1	97.8	90.3	81.6	72.8	62.3	50.6	39.6	31.5
-77.5°	80.3	78.0	75.2	72.1	66.2	59.2	51.3	42.2	34.6	28.4	22.0
-80°	53.1	52.6	51.3	48.9	43.4	37.1	32.3	27.4	22.6	17.6	12.4
-82.5°	29.4	29.7	29.7	28.9	25.5	21.9	18.2	14.3	10.6	6.8	5.4
-85°	14.1	13.8	13.0	11.8	9.3	6.7	5.9	5.1	4.6	4.1	3.6
-87.5°	4.3	4.3	4.3	4.3	3.8	3.4	2.9	2.5	2.3	2.1	1.8
-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°	1.6	1.3	1.0	0.8	0.5	0.2	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.7	0.0
80°	7.0	5.2	4.1	3.1	2.1	0.9	0.0
77.5°	15.2	8.1	5.2	3.9	2.6	1.1	0.0
75°	23.2	14.0	6.7	4.6	3.1	1.4	0.0
72.5°	30.9	19.7	10.7	5.4	3.6	1.6	0.0
70°	38.6	25.2	14.6	6.5	4.0	1.8	0.0
67.5°	47.9	30.5	18.3	8.8	4.5	2.0	0.0
65°	56.8	36.4	21.8	11.1	4.9	2.2	0.0
62.5°	65.2	42.8	25.1	13.3	5.4	2.4	0.0
60°	73.2	49.0	28.3	15.4	5.8	2.6	0.0
57.5°	81.5	54.7	32.5	17.3	7.0	2.8	0.0
55°	89.5	60.0	36.4	19.1	8.1	2.9	0.0
52.5°	96.8	65.1	40.1	20.8	9.2	3.1	0.0
50°	103.5	70.5	43.6	22.3	10.2	3.3	0.0
47.5°	109.8	75.4	46.7	23.9	11.2	3.4	0.0
45°	116.8	79.9	49.5	26.0	12.2	3.6	0.0
42.5°	123.3	83.8	52.0	27.9	13.1	3.7	0.0
40°	129.1	87.3	54.4	29.8	13.9	3.8	0.0
37.5°	134.3	90.2	56.9	31.7	14.7	3.9	0.0
35°	138.9	93.6	59.0	33.4	15.4	4.0	0.0
32.5°	143.2	97.0	60.8	35.0	16.1	4.1	0.0
30°	147.6	99.9	62.2	36.5	16.7	4.2	0.0
27.5°	151.6	102.4	64.4	37.9	17.3	4.3	0.0
25°	155.1	104.3	66.4	39.1	17.8	4.4	0.0
22.5°	158.1	106.2	68.1	40.1	18.2	4.4	0.0
20°	160.6	108.8	69.6	41.1	18.6	4.5	0.0
17.5°	163.7	111.0	70.9	41.8	18.9	4.5	0.0
15°	166.9	112.7	71.9	42.5	19.1	4.5	0.0
12.5°	169.5	113.9	72.7	42.9	19.3	4.6	0.0
10°	171.5	114.6	73.2	43.3	19.5	4.6	0.0
7.5°	172.8	114.9	73.5	43.5	19.5	4.6	0.0
5°	173.5	114.8	73.6	43.5	19.5	4.5	0.0
2.5°	173.6	114.3	73.4	43.4	19.5	4.5	0.0
0°	172.9	113.3	73.0	43.2	19.4	4.5	0.0
-2.5°	173.6	114.3	73.4	43.4	19.5	4.5	0.0
-5°	173.5	114.8	73.6	43.5	19.5	4.5	0.0
-7.5°	172.8	114.9	73.5	43.5	19.5	4.6	0.0
-10°	171.5	114.6	73.2	43.3	19.5	4.6	0.0
-12.5°	169.5	113.9	72.7	42.9	19.3	4.6	0.0
-15°	166.9	112.7	71.9	42.5	19.1	4.5	0.0
-17.5°	163.7	111.0	70.9	41.8	18.9	4.5	0.0
-20°	160.6	108.8	69.6	41.1	18.6	4.5	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	158.1	106.2	68.1	40.1	18.2	4.4	0.0
-25°	155.1	104.3	66.4	39.1	17.8	4.4	0.0
-27.5°	151.6	102.4	64.4	37.9	17.3	4.3	0.0
-30°	147.6	99.9	62.2	36.5	16.7	4.2	0.0
-32.5°	143.2	97.0	60.8	35.0	16.1	4.1	0.0
-35°	138.9	93.6	59.0	33.4	15.4	4.0	0.0
-37.5°	134.3	90.2	56.9	31.7	14.7	3.9	0.0
-40°	129.1	87.3	54.4	29.8	13.9	3.8	0.0
-42.5°	123.3	83.8	52.0	27.9	13.1	3.7	0.0
-45°	116.8	79.9	49.5	26.0	12.2	3.6	0.0
-47.5°	109.8	75.4	46.7	23.9	11.2	3.4	0.0
-50°	103.5	70.5	43.6	22.3	10.2	3.3	0.0
-52.5°	96.8	65.1	40.1	20.8	9.2	3.1	0.0
-55°	89.5	60.0	36.4	19.1	8.1	2.9	0.0
-57.5°	81.5	54.7	32.5	17.3	7.0	2.8	0.0
-60°	73.2	49.0	28.3	15.4	5.8	2.6	0.0
-62.5°	65.2	42.8	25.1	13.3	5.4	2.4	0.0
-65°	56.8	36.4	21.8	11.1	4.9	2.2	0.0
-67.5°	47.9	30.5	18.3	8.8	4.5	2.0	0.0
-70°	38.6	25.2	14.6	6.5	4.0	1.8	0.0
-72.5°	30.9	19.7	10.7	5.4	3.6	1.6	0.0
-75°	23.2	14.0	6.7	4.6	3.1	1.4	0.0
-77.5°	15.2	8.1	5.2	3.9	2.6	1.1	0.0
-80°	7.0	5.2	4.1	3.1	2.1	0.9	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.7	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)