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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1201597

Luminaire Tested: GWC-SB1B-827-U-SLL

Issue Date: 10/30/2025

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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1201597
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab:	INNOVATION CENTER
Issue Date:	3/16/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GWC-SB1B-827-U-SLL
Description:	GALLEON WALL LUMINAIRE
	(1) 80 CRI, 2700K, 450mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source:	-
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4905 lumens
Efficiency:	N/A
Efficacy:	123.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	39.8
Input Voltage (V):	120.0
Input Current (Ain):	0.33
Voltage Rise (V):	NR
Power Factor:	0.996
Total Harmonic Distortion (THDi):	5.305
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

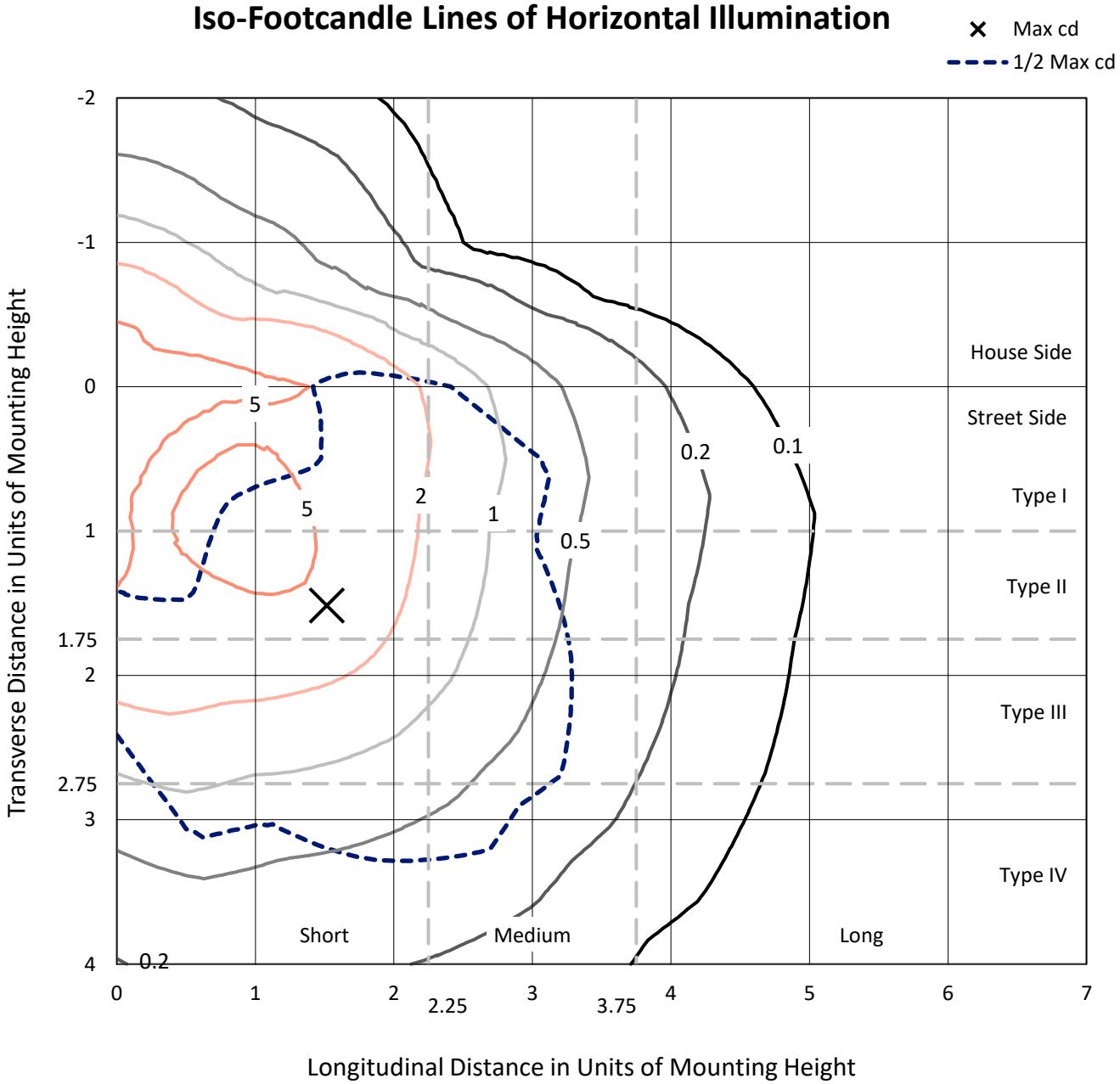


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Iso-Footcandle Lines of Horizontal Illumination



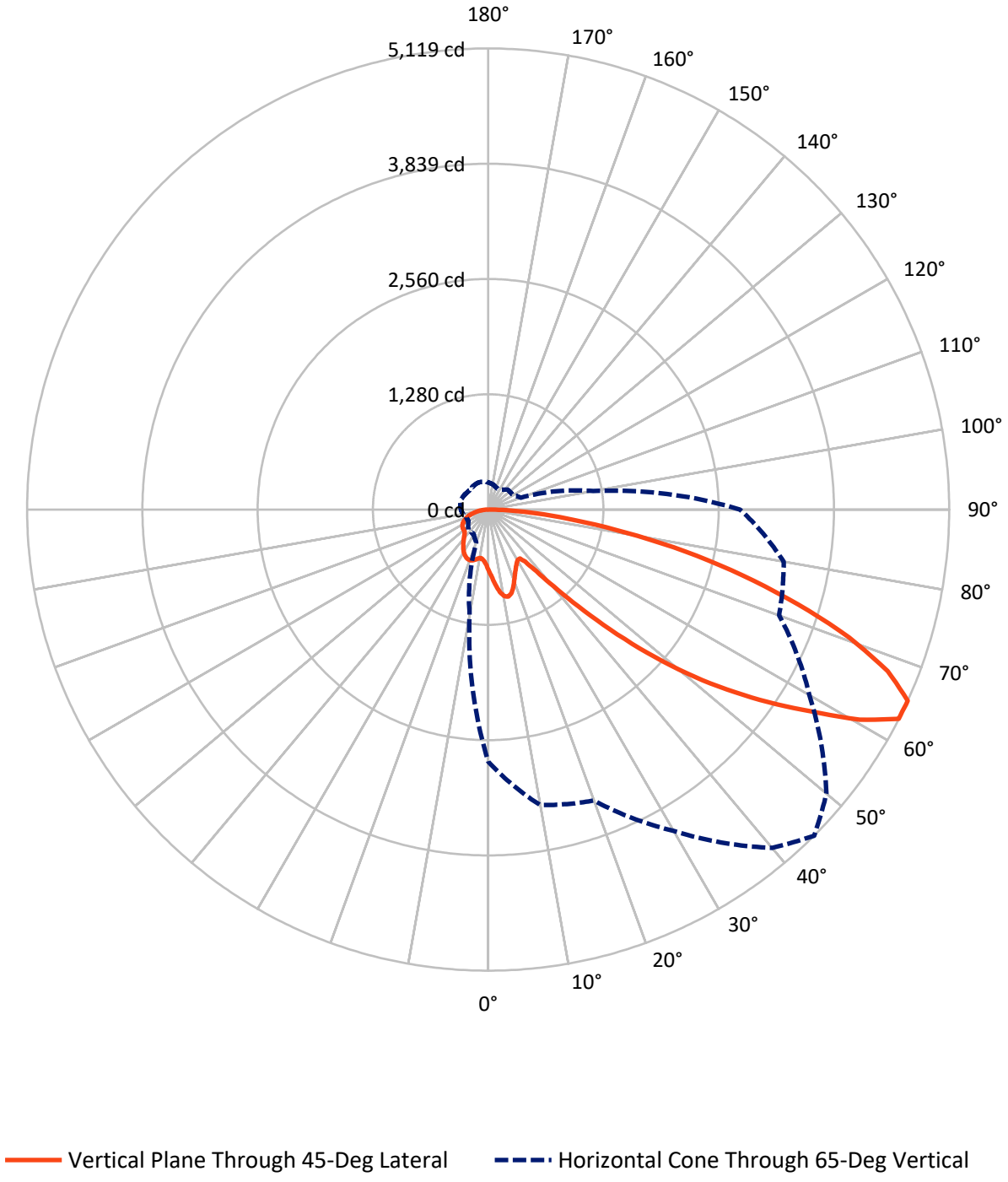
Based on 10 foot mounting height. Maximum calculated value = 9.3 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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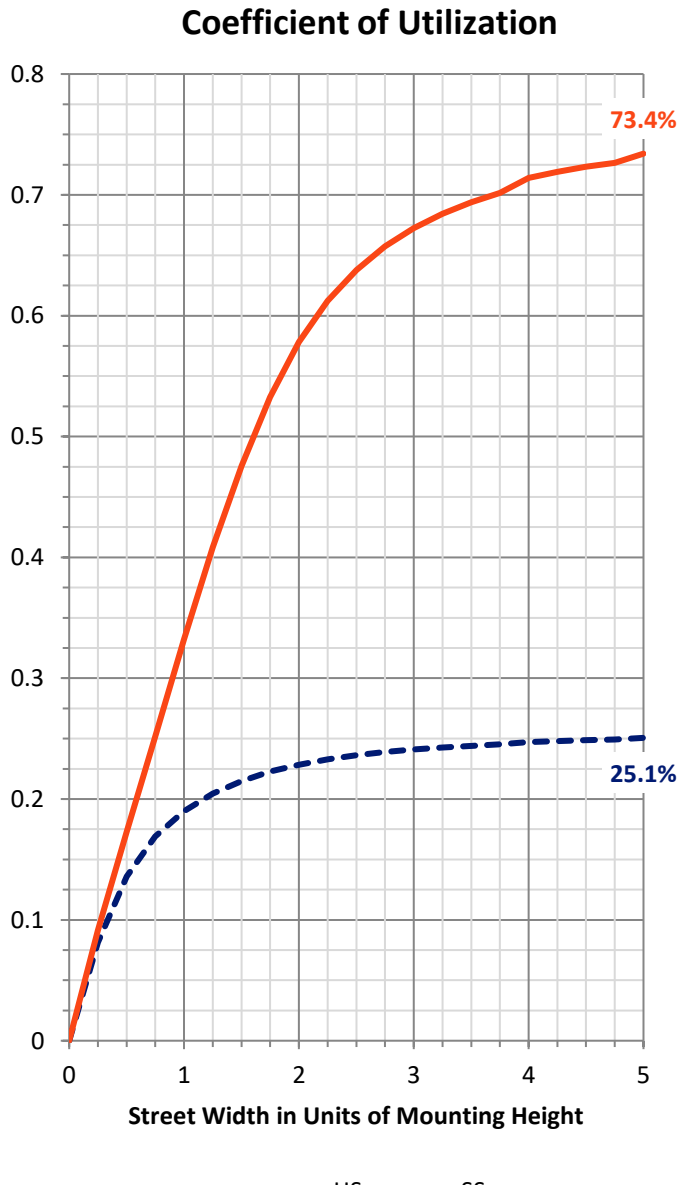
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1246.6	0.0	1246.6
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	3658.4	0.0	3658.4
	% Fixture	74.6	0.0	74.6
Total	Lumens	4905.0	0.0	4905.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.9	1.4
10°-20°	210.0	4.3
20°-30°	324.4	6.6
30°-40°	411.1	8.4
40°-50°	620.1	12.6
50°-60°	1001.9	20.4
60°-70°	1249.0	25.5
70°-80°	819.0	16.7
80°-90°	202.5	4.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4905.0	100.0
0°-180°	4905.0	100.0



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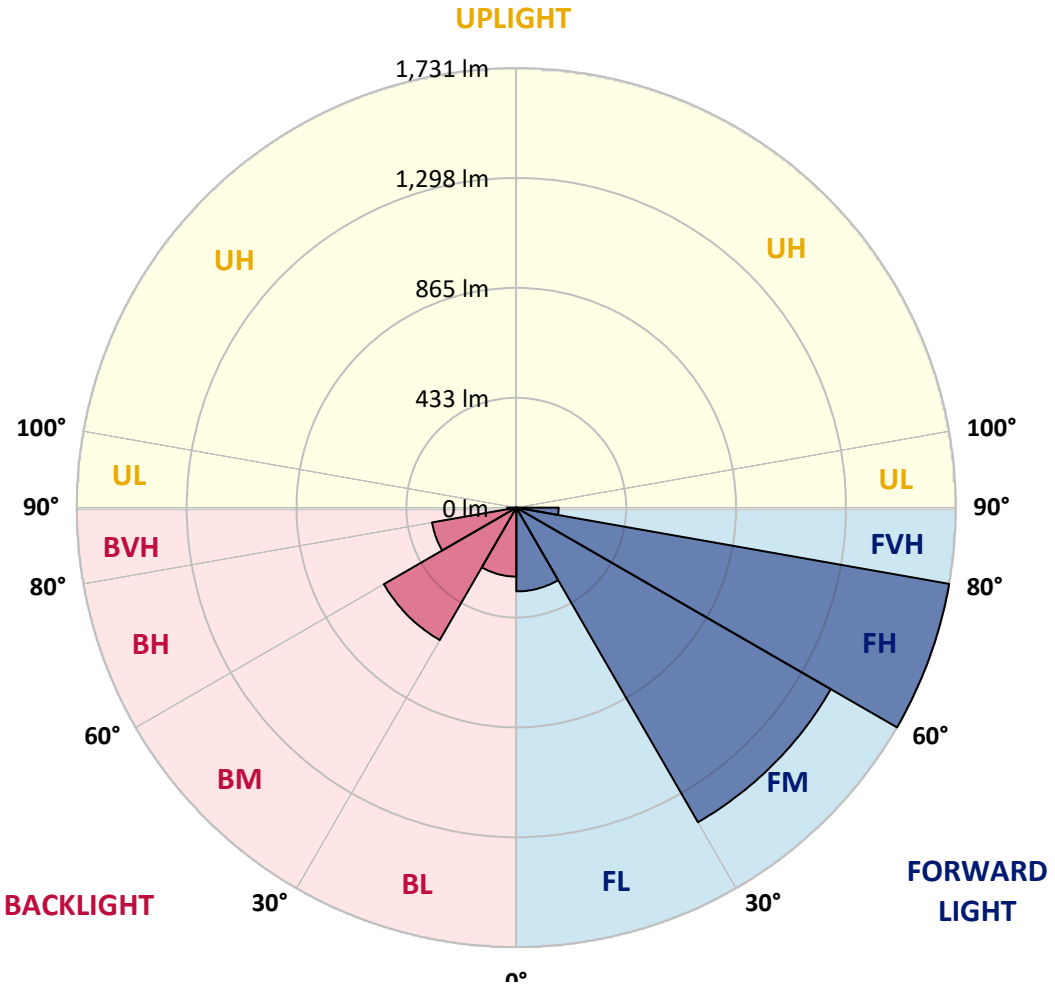
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	329.9	6.7			
FM	(30°-60°)	1430.7	29.2			
FH	(60°-80°)	1731.0	35.3			G1/1800
FVH	(80°-90°)	166.8	3.4			G2/225
BL	(0°-30°)	271.5	5.5	B1/500		
BM	(30°-60°)	602.4	12.3	B1/1000		
BH	(60°-80°)	337.0	6.9	B1/500		G1/500
BVH	(80°-90°)	35.7	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	*674.5*	674.5
2.5°	725.3	728.1	730.9	734.8	738.7	741.0	743.3	744.5	745.7	*745.1*	745.7
5°	779.9	789.6	799.2	808.7	818.3	823.4	828.6	831.7	834.9	*837.3*	834.9
7.5°	834.8	850.5	866.1	880.1	894.2	902.6	911.1	915.7	920.2	*922.4*	920.2
10°	876.9	895.4	913.8	930.3	946.8	956.8	966.7	971.2	975.6	*977.3*	975.6
12.5°	902.6	922.7	942.7	957.6	972.4	979.7	986.9	989.4	991.8	*992.0*	991.8
15°	918.3	935.6	952.8	962.2	971.6	971.8	972.1	969.5	966.9	*963.8*	966.9
17.5°	927.1	938.8	950.4	950.6	950.8	940.3	929.8	920.2	910.6	*903.8*	910.6
20°	936.8	940.9	944.9	932.7	920.4	897.2	874.1	857.2	840.4	*830.0*	840.4
22.5°	948.1	942.7	937.4	911.9	886.5	852.4	818.4	797.3	776.2	*764.8*	776.2
25°	962.5	945.7	928.9	890.2	851.6	810.2	768.9	746.7	724.6	*713.8*	724.6
27.5°	982.2	952.1	922.0	870.8	819.6	773.8	728.0	706.2	684.4	*674.2*	684.4
30°	1008.7	963.9	919.1	856.0	793.0	745.2	697.5	677.3	657.1	*647.6*	657.1
32.5°	1040.1	978.6	917.3	845.9	774.6	729.7	684.9	669.0	653.1	*646.3*	653.1
35°	1078.1	1002.9	927.8	853.5	779.2	748.0	716.9	713.2	709.5	*708.9*	709.5
37.5°	1142.2	1053.8	965.3	897.8	830.2	828.2	826.2	843.1	860.1	*868.9*	860.1
40°	1239.0	1142.8	1046.7	996.4	946.2	981.6	1017.1	1058.3	1099.4	*1119.9*	1099.4
42.5°	1367.3	1271.9	1176.5	1147.6	1118.7	1196.0	1273.3	1348.2	1423.0	*1467.0*	1423.0
45°	1525.9	1440.2	1354.4	1341.7	1328.9	1452.8	1576.7	1699.7	1822.7	*1897.4*	1822.7
47.5°	1724.1	1640.8	1557.4	1554.8	1552.2	1730.9	1909.6	2089.7	2269.7	*2375.4*	2269.7
50°	1984.0	1881.0	1778.0	1778.5	1778.9	2009.3	2239.6	2477.3	2714.9	*2858.6*	2714.9
52.5°	2282.3	2157.6	2032.9	2020.3	2007.7	2282.8	2558.0	2852.0	3146.1	*3318.3*	3146.1
55°	2599.8	2476.6	2353.4	2304.3	2255.1	2561.4	2867.6	3218.1	3568.7	*3773.6*	3568.7
57.5°	2888.7	2821.6	2754.5	2655.9	2557.3	2866.5	3175.7	3572.8	3969.9	*4223.9*	3969.9
60°	3063.2	3167.4	3271.7	3149.2	3026.8	3319.4	3612.1	4037.2	4462.3	*4736.9*	4462.3
62.5°	2974.6	3259.3	3544.0	3530.3	3516.4	3784.5	4052.6	4457.1	4861.5	*5115.3*	4861.5
65°	*2797.2*	*3064.4*	*3331.6*	*3384.5*	*3437.4*	*3778.0*	*4118.7*	*4510.9*	*4903.1*	*5119.2*	*4903.1*
67.5°	2559.5	2813.6	3067.8	3092.6	3117.3	3472.3	3827.2	4221.1	4615.0	*4784.3*	4615.0
70°	2273.8	2550.3	2826.8	2837.8	2848.9	3166.4	3483.7	3822.7	4161.7	*4255.7*	4161.7
72.5°	1933.5	2250.7	2568.0	2576.0	2583.9	2832.2	3080.6	3334.5	3588.3	*3597.8*	3588.3
75°	1503.0	1831.3	2159.6	2189.1	2218.6	2411.8	2605.0	2783.7	2962.4	*2914.5*	2962.4
77.5°	1073.8	1380.3	1686.8	1729.0	1771.2	1918.1	2065.0	2191.7	2318.5	*2236.2*	2318.5
80°	702.8	960.7	1218.5	1271.0	1323.4	1434.3	1545.2	1611.8	1678.3	*1545.9*	1678.3
82.5°	408.5	584.8	761.1	819.7	878.3	954.7	1031.0	1058.8	1086.5	*982.5*	1086.5
85°	179.7	273.3	366.9	416.7	466.5	529.3	592.0	607.7	623.5	*540.2*	623.5
87.5°	55.6	87.1	118.5	146.3	174.1	205.5	236.9	238.2	239.5	*201.1*	239.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5
2.5°	744.5	743.3	741.0	738.7	734.8	730.9	728.1	725.3	719.8	714.2	708.3
5°	831.7	828.6	823.4	818.3	808.7	799.2	789.6	779.9	767.7	755.4	743.1
7.5°	915.7	911.1	902.6	894.2	880.1	866.1	850.5	834.8	814.5	794.3	775.5
10°	971.2	966.7	956.8	946.8	930.3	913.8	895.4	876.9	851.2	825.6	800.8
12.5°	989.4	986.9	979.7	972.4	957.6	942.7	922.7	902.6	874.4	846.3	818.2
15°	969.5	972.1	971.8	971.6	962.2	952.8	935.6	918.3	888.9	859.5	829.1
17.5°	920.2	929.8	940.3	950.8	950.6	950.4	938.8	927.1	897.3	867.5	834.3
20°	857.2	874.1	897.2	920.4	932.7	944.9	940.9	936.8	905.8	874.9	838.4
22.5°	797.3	818.4	852.4	886.5	911.9	937.4	942.7	948.1	916.4	884.8	843.9
25°	746.7	768.9	810.2	851.6	890.2	928.9	945.7	962.5	931.5	900.6	853.8
27.5°	706.2	728.0	773.8	819.6	870.8	922.0	952.1	982.2	952.7	923.1	869.3
30°	677.3	697.5	745.2	793.0	856.0	919.1	963.9	1008.7	980.2	951.6	889.4
32.5°	669.0	684.9	729.7	774.6	845.9	917.3	978.6	1040.1	1011.8	983.5	910.4
35°	713.2	716.9	748.0	779.2	853.5	927.8	1002.9	1078.1	1051.0	1023.9	934.3
37.5°	843.1	826.2	828.2	830.2	897.8	965.3	1053.8	1142.2	1107.6	1073.1	961.1
40°	1058.3	1017.1	981.6	946.2	996.4	1046.7	1142.8	1239.0	1188.6	1138.3	995.1
42.5°	1348.2	1273.3	1196.0	1118.7	1147.6	1176.5	1271.9	1367.3	1294.7	1222.1	1039.6
45°	1699.7	1576.7	1452.8	1328.9	1341.7	1354.4	1440.2	1525.9	1427.9	1329.9	1098.2
47.5°	2089.7	1909.6	1730.9	1552.2	1554.8	1557.4	1640.8	1724.1	1586.2	1448.3	1160.5
50°	2477.3	2239.6	2009.3	1778.9	1778.5	1778.0	1881.0	1984.0	1776.1	1568.2	1218.4
52.5°	2852.0	2558.0	2282.8	2007.7	2020.3	2032.9	2157.6	2282.3	1975.6	1668.9	1256.0
55°	3218.1	2867.6	2561.4	2255.1	2304.3	2353.4	2476.6	2599.8	2152.4	1705.0	1247.7
57.5°	3572.8	3175.7	2866.5	2557.3	2655.9	2754.5	2821.6	2888.7	2277.7	1666.7	1189.4
60°	4037.2	3612.1	3319.4	3026.8	3149.2	3271.7	3167.4	3063.2	2309.0	1554.8	1081.0
62.5°	4457.1	4052.6	3784.5	3516.4	3530.3	3544.0	3259.3	2974.6	2177.2	1379.7	934.3
65°	*4510.9*	*4118.7*	*3778.0*	*3437.4*	*3384.5*	*3331.6*	*3064.4*	*2797.2*	*1990.6*	*1184.0*	*784.6*
67.5°	4221.1	3827.2	3472.3	3117.3	3092.6	3067.8	2813.6	2559.5	1768.5	977.6	638.0
70°	3822.7	3483.7	3166.4	2848.9	2837.8	2826.8	2550.3	2273.8	1526.2	778.7	502.4
72.5°	3334.5	3080.6	2832.2	2583.9	2576.0	2568.0	2250.7	1933.5	1263.6	593.7	384.1
75°	2783.7	2605.0	2411.8	2218.6	2189.1	2159.6	1831.3	1503.0	962.5	422.1	278.7
77.5°	2191.7	2065.0	1918.1	1771.2	1729.0	1686.8	1380.3	1073.8	673.7	273.5	188.9
80°	1611.8	1545.2	1434.3	1323.4	1271.0	1218.5	960.7	702.8	434.0	165.3	121.7
82.5°	1058.8	1031.0	954.7	878.3	819.7	761.1	584.8	408.5	251.2	93.9	74.9
85°	607.7	592.0	529.3	466.5	416.7	366.9	273.3	179.7	113.0	46.3	40.0
87.5°	238.2	236.9	205.5	174.1	146.3	118.5	87.1	55.6	37.0	18.4	16.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5
2.5°	702.4	696.4	690.5	684.8	679.1	673.6	667.4	662.5	657.5	653.0	648.6
5°	730.9	718.5	706.2	694.7	683.2	672.3	661.5	652.2	642.8	634.9	627.1
7.5°	756.8	738.5	720.3	704.2	688.1	673.3	659.4	646.9	634.5	624.1	613.8
10°	776.1	753.9	731.7	712.7	693.7	675.4	660.5	647.3	634.2	623.8	613.5
12.5°	790.2	764.0	737.9	716.4	694.9	675.6	661.7	651.0	640.3	633.4	626.5
15°	798.7	768.6	738.5	713.6	688.7	667.4	656.2	651.1	646.0	646.9	647.8
17.5°	801.1	766.2	731.2	701.3	671.3	646.3	639.4	641.3	643.2	654.4	665.7
20°	801.9	759.5	717.2	680.1	643.0	613.8	612.0	620.8	629.6	649.2	668.8
22.5°	802.9	751.4	699.9	655.2	610.5	577.3	580.8	593.9	606.9	629.2	651.7
25°	807.0	743.4	679.8	627.4	575.1	541.1	550.6	565.6	580.7	600.8	620.9
27.5°	815.5	738.0	660.5	602.0	543.6	512.6	524.2	538.7	553.2	569.8	586.3
30°	827.2	735.5	643.7	580.8	517.9	491.9	501.0	512.5	524.1	537.8	551.5
32.5°	837.3	732.4	627.4	562.5	497.6	476.6	480.7	487.5	494.3	505.2	516.2
35°	844.7	726.6	608.4	544.5	480.6	463.2	461.5	463.3	465.2	473.6	481.9
37.5°	849.1	716.5	583.9	523.4	462.8	447.5	441.3	439.3	437.2	443.2	449.2
40°	851.9	702.7	553.6	498.1	442.6	428.7	419.3	414.6	409.9	414.2	418.6
42.5°	857.2	688.5	519.9	470.2	420.5	407.8	395.9	389.7	383.4	387.0	390.5
45°	866.4	675.3	484.2	440.6	397.0	384.1	372.6	366.5	360.5	363.4	366.4
47.5°	872.7	664.4	456.0	417.2	378.4	361.7	351.8	346.7	341.6	344.4	347.2
50°	868.6	652.5	436.3	401.6	367.0	345.0	333.5	329.0	324.5	328.9	333.2
52.5°	843.1	632.3	421.6	391.4	361.2	335.9	319.8	315.4	311.0	317.5	324.0
55°	790.4	599.0	407.6	384.0	360.3	336.9	312.6	305.6	298.5	307.8	317.1
57.5°	712.1	552.0	391.9	375.2	358.5	337.8	308.3	298.0	287.8	297.7	307.7
60°	607.1	491.0	374.8	361.7	348.6	334.9	304.2	290.9	277.6	286.4	295.1
62.5°	488.9	417.9	347.0	338.3	329.6	327.9	299.4	282.8	266.2	271.8	277.3
65°	*385.3*	*352.2*	*319.1*	*315.0*	*310.9*	*311.1*	*289.4*	*271.7*	*254.0*	*256.2*	*258.3*
67.5°	298.5	289.1	279.7	282.0	284.2	283.7	271.4	256.7	242.0	241.4	240.7
70°	226.1	228.8	231.4	242.1	252.7	252.7	248.7	238.3	227.8	225.5	223.2
72.5°	174.4	182.5	190.6	205.7	220.8	223.4	223.4	216.2	209.1	205.7	202.3
75°	135.4	142.8	150.1	167.0	184.0	195.7	194.7	189.2	183.6	180.4	177.1
77.5°	104.3	109.2	114.3	130.7	147.1	166.4	165.9	161.5	157.1	153.7	150.4
80°	78.2	80.2	82.3	96.2	110.1	133.2	133.1	129.4	125.7	122.9	120.1
82.5°	55.9	56.2	56.6	66.9	77.1	96.8	97.9	96.1	94.3	92.3	90.3
85°	33.8	33.6	33.4	40.9	48.4	63.0	64.4	62.5	60.6	58.4	56.2
87.5°	14.8	14.6	14.4	17.5	20.6	26.7	28.5	27.7	26.9	26.5	26.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P1201597
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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5
2.5°	644.7	640.8	636.8	632.9	629.9	626.9	624.4	621.9	620.0	618.1	616.3
5°	620.1	613.2	606.9	600.6	595.7	590.9	587.5	584.1	581.7	579.3	577.4
7.5°	605.1	596.3	588.6	580.9	575.1	569.4	565.4	561.3	558.6	555.8	554.2
10°	604.1	594.6	586.0	577.3	570.4	563.5	559.0	554.4	551.8	549.2	547.8
12.5°	619.1	611.8	602.8	593.9	585.1	576.3	570.4	564.6	561.7	558.8	557.6
15°	645.9	644.0	636.2	628.4	615.9	603.4	594.5	585.7	581.6	577.6	576.0
17.5°	671.7	677.7	671.4	665.2	648.6	632.0	618.9	605.9	599.9	593.9	591.9
20°	681.3	693.9	691.0	688.1	669.1	650.2	634.2	618.2	610.5	602.8	600.3
22.5°	668.0	684.3	686.1	687.8	669.7	651.6	635.1	618.6	610.5	602.4	599.7
25°	637.0	653.0	659.1	665.0	650.2	635.3	620.7	606.1	599.1	592.0	589.5
27.5°	599.2	612.1	618.7	625.4	614.8	604.3	592.9	581.6	576.9	572.1	571.0
30°	562.2	572.9	578.3	583.8	575.7	567.6	559.5	551.3	548.9	546.5	546.5
32.5°	526.5	536.7	542.8	548.8	541.4	534.0	527.5	521.0	519.4	517.8	518.1
35°	492.1	502.2	509.5	516.7	511.5	506.2	500.2	494.2	491.8	489.4	488.9
37.5°	459.3	469.4	478.4	487.4	484.9	482.5	477.0	471.4	467.1	462.7	460.4
40°	428.3	438.1	448.4	458.8	459.4	459.9	455.2	450.6	444.2	437.9	433.6
42.5°	399.8	409.1	420.2	431.3	434.3	437.3	433.3	429.4	421.5	413.6	407.4
45°	375.2	384.0	395.6	407.1	411.4	415.7	412.1	408.5	399.5	390.5	383.2
47.5°	355.8	364.4	375.8	387.2	392.1	397.0	394.5	392.1	384.0	376.0	369.2
50°	341.4	349.5	359.7	369.9	376.2	382.5	382.3	382.2	375.8	369.4	363.1
52.5°	331.5	338.9	348.4	357.9	365.4	372.9	374.3	375.6	370.4	365.1	359.5
55°	325.1	333.2	341.5	349.8	357.7	365.7	367.5	369.4	364.8	360.3	355.4
57.5°	317.2	326.6	334.8	343.1	351.1	359.0	360.9	362.8	358.2	353.6	348.7
60°	305.9	316.7	325.1	333.5	341.5	349.5	351.6	353.7	349.2	344.7	339.7
62.5°	289.9	302.6	311.5	320.4	327.8	335.1	337.1	339.1	335.0	331.0	325.7
65°	*271.8*	*285.3*	*293.9*	*302.4*	*308.9*	*315.4*	*317.4*	*319.4*	*315.5*	*311.6*	*306.5*
67.5°	253.2	265.7	273.8	281.9	287.4	293.0	295.0	297.0	293.4	289.8	285.1
70°	234.1	245.1	252.1	259.1	264.1	269.2	271.1	273.0	270.1	267.2	262.6
72.5°	210.9	219.5	225.8	232.2	237.1	242.0	244.3	246.6	244.2	241.7	237.4
75°	183.5	189.9	195.6	201.4	205.9	210.4	212.7	215.1	213.9	212.7	209.1
77.5°	155.7	160.9	165.8	170.7	175.4	180.1	182.4	184.6	182.9	181.2	177.5
80°	124.4	128.8	132.9	137.0	140.6	144.2	147.2	150.1	149.4	148.7	143.7
82.5°	90.0	89.6	88.2	86.7	94.4	102.0	107.0	112.1	111.8	111.4	107.3
85°	54.3	52.4	48.4	44.4	51.6	58.8	65.0	71.2	70.7	70.1	66.9
87.5°	26.0	25.9	22.9	19.8	22.8	25.8	28.3	30.9	30.2	29.6	27.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5
2.5°	614.6	612.4	614.6	616.3	618.1	620.0	621.9	624.4	626.9	629.9	632.9
5°	575.6	573.8	575.6	577.4	579.3	581.7	584.1	587.5	590.9	595.7	600.6
7.5°	552.5	551.3	552.5	554.2	555.8	558.6	561.3	565.4	569.4	575.1	580.9
10°	546.4	545.8	546.4	547.8	549.2	551.8	554.4	559.0	563.5	570.4	577.3
12.5°	556.4	556.2	556.4	557.6	558.8	561.7	564.6	570.4	576.3	585.1	593.9
15°	574.4	574.3	574.4	576.0	577.6	581.6	585.7	594.5	603.4	615.9	628.4
17.5°	589.9	589.6	589.9	591.9	593.9	599.9	605.9	618.9	632.0	648.6	665.2
20°	597.9	597.1	597.9	600.3	602.8	610.5	618.2	634.2	650.2	669.1	688.1
22.5°	597.0	595.8	597.0	599.7	602.4	610.5	618.6	635.1	651.6	669.7	687.8
25°	586.9	585.4	586.9	589.5	592.0	599.1	606.1	620.7	635.3	650.2	665.0
27.5°	569.8	569.4	569.8	571.0	572.1	576.9	581.6	592.9	604.3	614.8	625.4
30°	546.5	546.9	546.5	546.5	546.5	548.9	551.3	559.5	567.6	575.7	583.8
32.5°	518.3	518.7	518.3	518.1	517.8	519.4	521.0	527.5	534.0	541.4	548.8
35°	488.4	488.1	488.4	488.9	489.4	491.8	494.2	500.2	506.2	511.5	516.7
37.5°	458.1	456.8	458.1	460.4	462.7	467.1	471.4	477.0	482.5	484.9	487.4
40°	429.3	426.8	429.3	433.6	437.9	444.2	450.6	455.2	459.9	459.4	458.8
42.5°	401.1	397.0	401.1	407.4	413.6	421.5	429.4	433.3	437.3	434.3	431.3
45°	375.9	371.1	375.9	383.2	390.5	399.5	408.5	412.1	415.7	411.4	407.1
47.5°	362.5	357.9	362.5	369.2	376.0	384.0	392.1	394.5	397.0	392.1	387.2
50°	356.9	352.5	356.9	363.1	369.4	375.8	382.2	382.3	382.5	376.2	369.9
52.5°	353.9	349.9	353.9	359.5	365.1	370.4	375.6	374.3	372.9	365.4	357.9
55°	350.4	346.8	350.4	355.4	360.3	364.8	369.4	367.5	365.7	357.7	349.8
57.5°	343.8	340.1	343.8	348.7	353.6	358.2	362.8	360.9	359.0	351.1	343.1
60°	334.7	330.8	334.7	339.7	344.7	349.2	353.7	351.6	349.5	341.5	333.5
62.5°	320.4	315.8	320.4	325.7	331.0	335.0	339.1	337.1	335.1	327.8	320.4
65°	*301.4*	*297.4*	*301.4*	*306.5*	*311.6*	*315.5*	*319.4*	*317.4*	*315.4*	*308.9*	*302.4*
67.5°	280.3	276.7	280.3	285.1	289.8	293.4	297.0	295.0	293.0	287.4	281.9
70°	258.0	253.9	258.0	262.6	267.2	270.1	273.0	271.1	269.2	264.1	259.1
72.5°	233.1	229.1	233.1	237.4	241.7	244.2	246.6	244.3	242.0	237.1	232.2
75°	205.4	201.6	205.4	209.1	212.7	213.9	215.1	212.7	210.4	205.9	201.4
77.5°	173.9	170.8	173.9	177.5	181.2	182.9	184.6	182.4	180.1	175.4	170.7
80°	138.8	133.0	138.8	143.7	148.7	149.4	150.1	147.2	144.2	140.6	137.0
82.5°	103.1	99.4	103.1	107.3	111.4	111.8	112.1	107.0	102.0	94.4	86.7
85°	63.6	60.3	63.6	66.9	70.1	70.7	71.2	65.0	58.8	51.6	44.4
87.5°	26.2	24.6	26.2	27.9	29.6	30.2	30.9	28.3	25.8	22.8	19.8
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):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5	674.5
2.5°	636.8	640.8	644.7	648.6	653.0	657.5	662.5	667.4	673.6	679.1	684.8
5°	606.9	613.2	620.1	627.1	634.9	642.8	652.2	661.5	672.3	683.2	694.7
7.5°	588.6	596.3	605.1	613.8	624.1	634.5	646.9	659.4	673.3	688.1	704.2
10°	586.0	594.6	604.1	613.5	623.8	634.2	647.3	660.5	675.4	693.7	712.7
12.5°	602.8	611.8	619.1	626.5	633.4	640.3	651.0	661.7	675.6	694.9	716.4
15°	636.2	644.0	645.9	647.8	646.9	646.0	651.1	656.2	667.4	688.7	713.6
17.5°	671.4	677.7	671.7	665.7	654.4	643.2	641.3	639.4	646.3	671.3	701.3
20°	691.0	693.9	681.3	668.8	649.2	629.6	620.8	612.0	613.8	643.0	680.1
22.5°	686.1	684.3	668.0	651.7	629.2	606.9	593.9	580.8	577.3	610.5	655.2
25°	659.1	653.0	637.0	620.9	600.8	580.7	565.6	550.6	541.1	575.1	627.4
27.5°	618.7	612.1	599.2	586.3	569.8	553.2	538.7	524.2	512.6	543.6	602.0
30°	578.3	572.9	562.2	551.5	537.8	524.1	512.5	501.0	491.9	517.9	580.8
32.5°	542.8	536.7	526.5	516.2	505.2	494.3	487.5	480.7	476.6	497.6	562.5
35°	509.5	502.2	492.1	481.9	473.6	465.2	463.3	461.5	463.2	480.6	544.5
37.5°	478.4	469.4	459.3	449.2	443.2	437.2	439.3	441.3	447.5	462.8	523.4
40°	448.4	438.1	428.3	418.6	414.2	409.9	414.6	419.3	428.7	442.6	498.1
42.5°	420.2	409.1	399.8	390.5	387.0	383.4	389.7	395.9	407.8	420.5	470.2
45°	395.6	384.0	375.2	366.4	363.4	360.5	366.5	372.6	384.1	397.0	440.6
47.5°	375.8	364.4	355.8	347.2	344.4	341.6	346.7	351.8	361.7	378.4	417.2
50°	359.7	349.5	341.4	333.2	328.9	324.5	329.0	333.5	345.0	367.0	401.6
52.5°	348.4	338.9	331.5	324.0	317.5	311.0	315.4	319.8	335.9	361.2	391.4
55°	341.5	333.2	325.1	317.1	307.8	298.5	305.6	312.6	336.9	360.3	384.0
57.5°	334.8	326.6	317.2	307.7	297.7	287.8	298.0	308.3	337.8	358.5	375.2
60°	325.1	316.7	305.9	295.1	286.4	277.6	290.9	304.2	334.9	348.6	361.7
62.5°	311.5	302.6	289.9	277.3	271.8	266.2	282.8	299.4	327.9	329.6	338.3
65°	*293.9*	*285.3*	*271.8*	*258.3*	*256.2*	*254.0*	*271.7*	*289.4*	*311.1*	*310.9*	*315.0*
67.5°	273.8	265.7	253.2	240.7	241.4	242.0	256.7	271.4	283.7	284.2	282.0
70°	252.1	245.1	234.1	223.2	225.5	227.8	238.3	248.7	252.7	252.7	242.1
72.5°	225.8	219.5	210.9	202.3	205.7	209.1	216.2	223.4	223.4	220.8	205.7
75°	195.6	189.9	183.5	177.1	180.4	183.6	189.2	194.7	195.7	184.0	167.0
77.5°	165.8	160.9	155.7	150.4	153.7	157.1	161.5	165.9	166.4	147.1	130.7
80°	132.9	128.8	124.4	120.1	122.9	125.7	129.4	133.1	133.2	110.1	96.2
82.5°	88.2	89.6	90.0	90.3	92.3	94.3	96.1	97.9	96.8	77.1	66.9
85°	48.4	52.4	54.3	56.2	58.4	60.6	62.5	64.4	63.0	48.4	40.9
87.5°	22.9	25.9	26.0	26.1	26.5	26.9	27.7	28.5	26.7	20.6	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

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	674.5	674.5	674.5	674.5	674.5	674.5	674.5
2.5°	690.5	696.4	702.4	708.3	714.2	719.8	725.3
5°	706.2	718.5	730.9	743.1	755.4	767.7	779.9
7.5°	720.3	738.5	756.8	775.5	794.3	814.5	834.8
10°	731.7	753.9	776.1	800.8	825.6	851.2	876.9
12.5°	737.9	764.0	790.2	818.2	846.3	874.4	902.6
15°	738.5	768.6	798.7	829.1	859.5	888.9	918.3
17.5°	731.2	766.2	801.1	834.3	867.5	897.3	927.1
20°	717.2	759.5	801.9	838.4	874.9	905.8	936.8
22.5°	699.9	751.4	802.9	843.9	884.8	916.4	948.1
25°	679.8	743.4	807.0	853.8	900.6	931.5	962.5
27.5°	660.5	738.0	815.5	869.3	923.1	952.7	982.2
30°	643.7	735.5	827.2	889.4	951.6	980.2	1008.7
32.5°	627.4	732.4	837.3	910.4	983.5	1011.8	1040.1
35°	608.4	726.6	844.7	934.3	1023.9	1051.0	1078.1
37.5°	583.9	716.5	849.1	961.1	1073.1	1107.6	1142.2
40°	553.6	702.7	851.9	995.1	1138.3	1188.6	1239.0
42.5°	519.9	688.5	857.2	1039.6	1222.1	1294.7	1367.3
45°	484.2	675.3	866.4	1098.2	1329.9	1427.9	1525.9
47.5°	456.0	664.4	872.7	1160.5	1448.3	1586.2	1724.1
50°	436.3	652.5	868.6	1218.4	1568.2	1776.1	1984.0
52.5°	421.6	632.3	843.1	1256.0	1668.9	1975.6	2282.3
55°	407.6	599.0	790.4	1247.7	1705.0	2152.4	2599.8
57.5°	391.9	552.0	712.1	1189.4	1666.7	2277.7	2888.7
60°	374.8	491.0	607.1	1081.0	1554.8	2309.0	3063.2
62.5°	347.0	417.9	488.9	934.3	1379.7	2177.2	2974.6
65°	*319.1*	*352.2*	*385.3*	*784.6*	*1184.0*	*1990.6*	*2797.2*
67.5°	279.7	289.1	298.5	638.0	977.6	1768.5	2559.5
70°	231.4	228.8	226.1	502.4	778.7	1526.2	2273.8
72.5°	190.6	182.5	174.4	384.1	593.7	1263.6	1933.5
75°	150.1	142.8	135.4	278.7	422.1	962.5	1503.0
77.5°	114.3	109.2	104.3	188.9	273.5	673.7	1073.8
80°	82.3	80.2	78.2	121.7	165.3	434.0	702.8
82.5°	56.6	56.2	55.9	74.9	93.9	251.2	408.5
85°	33.4	33.6	33.8	40.0	46.3	113.0	179.7
87.5°	14.4	14.6	14.8	16.6	18.4	37.0	55.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0


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SS

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(END OF REPORT)