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: P887523

Luminaire Tested: **TT-D1-735-U-DL-TC**

Issue Date: 10/9/2024

Report Generated By 670246001

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Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P887523
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-4)
Test Lab:	INNOVATION CENTER
Issue Date:	10/9/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	TT-D1-735-U-DL-TC
Description:	DL
	3500K, 70 CRI LEDS, DRIVE LANE DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:	
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	2726 lumens
Efficiency:	N/A
Efficacy:	94.7 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G1

Input Watts (W):	28.8
Input Voltage (V):	120.0
Input Current (Ain):	0.24
Voltage Rise (V):	NR
Power Factor:	0.979
Total Harmonic Distortion (THDi):	13.3%
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

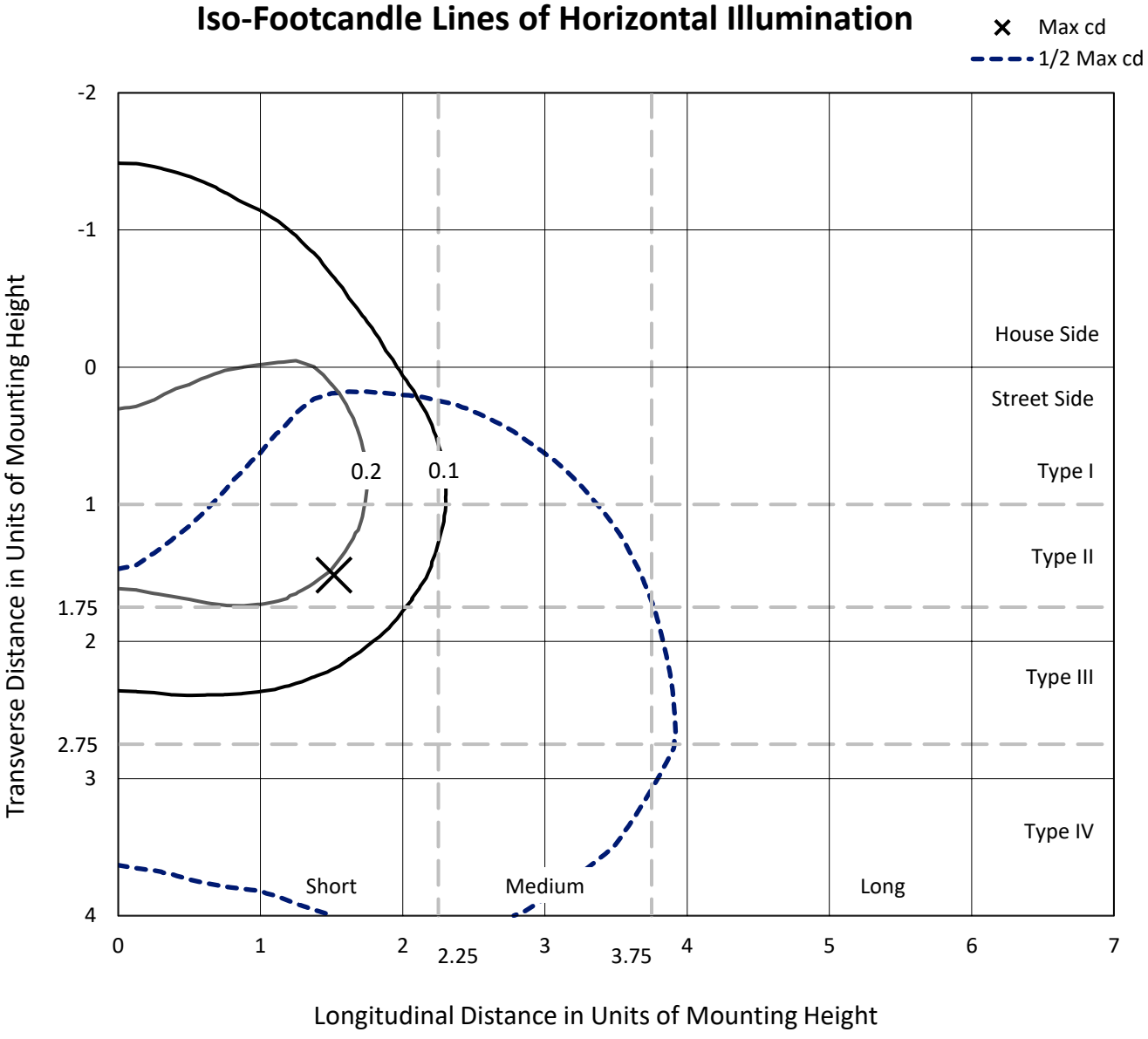


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Iso-Footcandle Lines of Horizontal Illumination



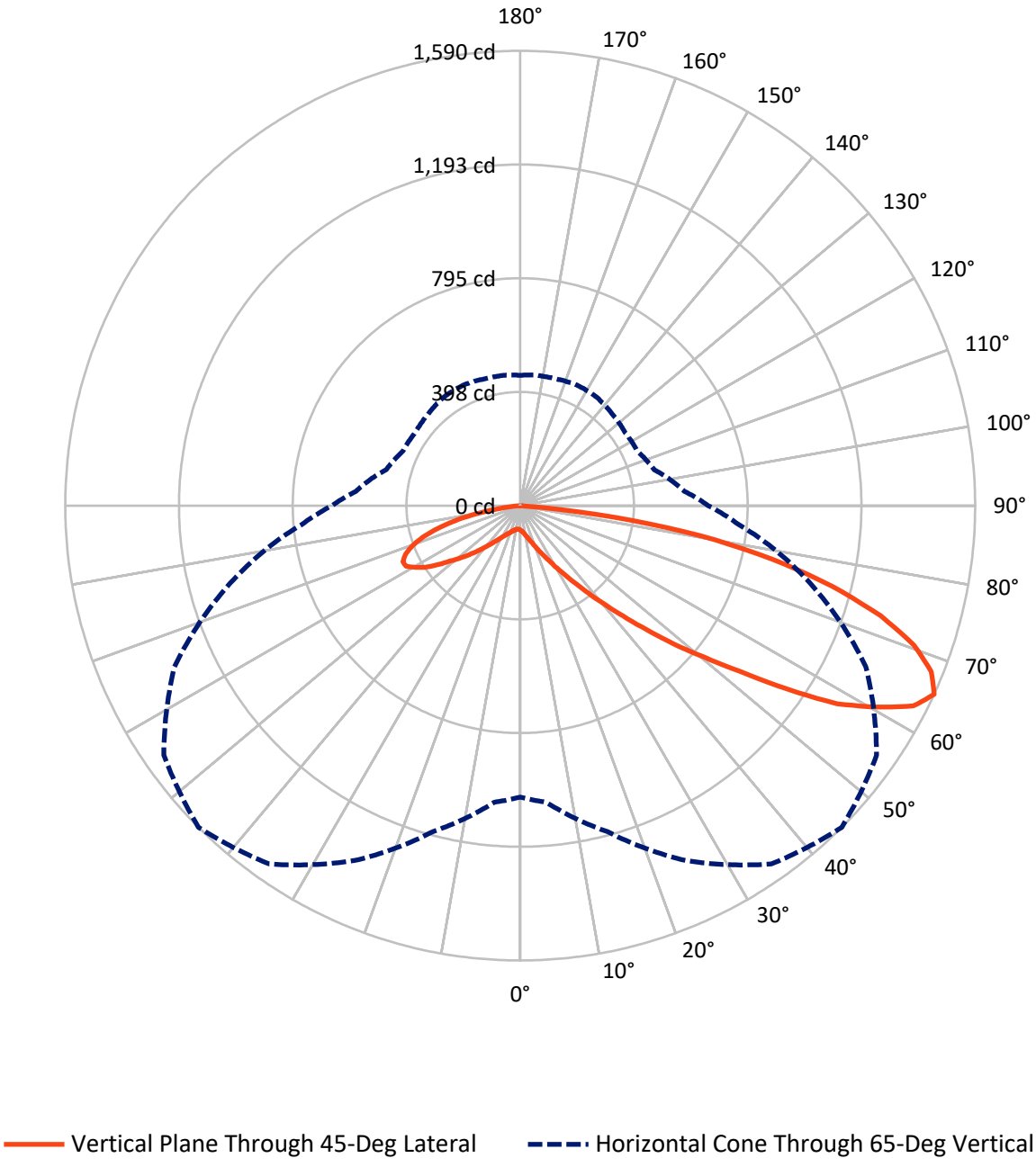
Based on 25 foot mounting height. Maximum calculated value = 0.4 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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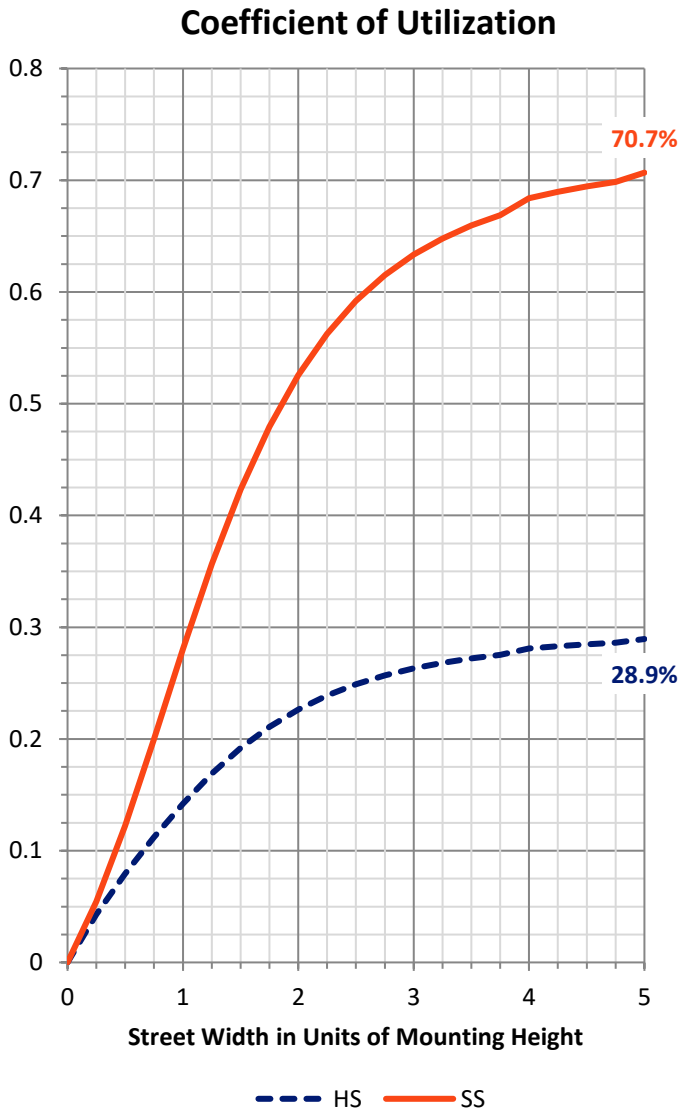
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	790.0	0.0	790.0
	% Fixture	29.0	0.0	29.0
Street Side	Lumens	1936.0	0.0	1936.0
	% Fixture	71.0	0.0	71.0
Total	Lumens	2726.0	0.0	2726.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	0.3
10°-20°	31.2	1.1
20°-30°	71.1	2.6
30°-40°	150.7	5.5
40°-50°	312.8	11.5
50°-60°	601.0	22.0
60°-70°	833.4	30.6
70°-80°	627.4	23.0
80°-90°	89.8	3.3
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°	2726.0	100.0
0°-180°	2726.0	100.0



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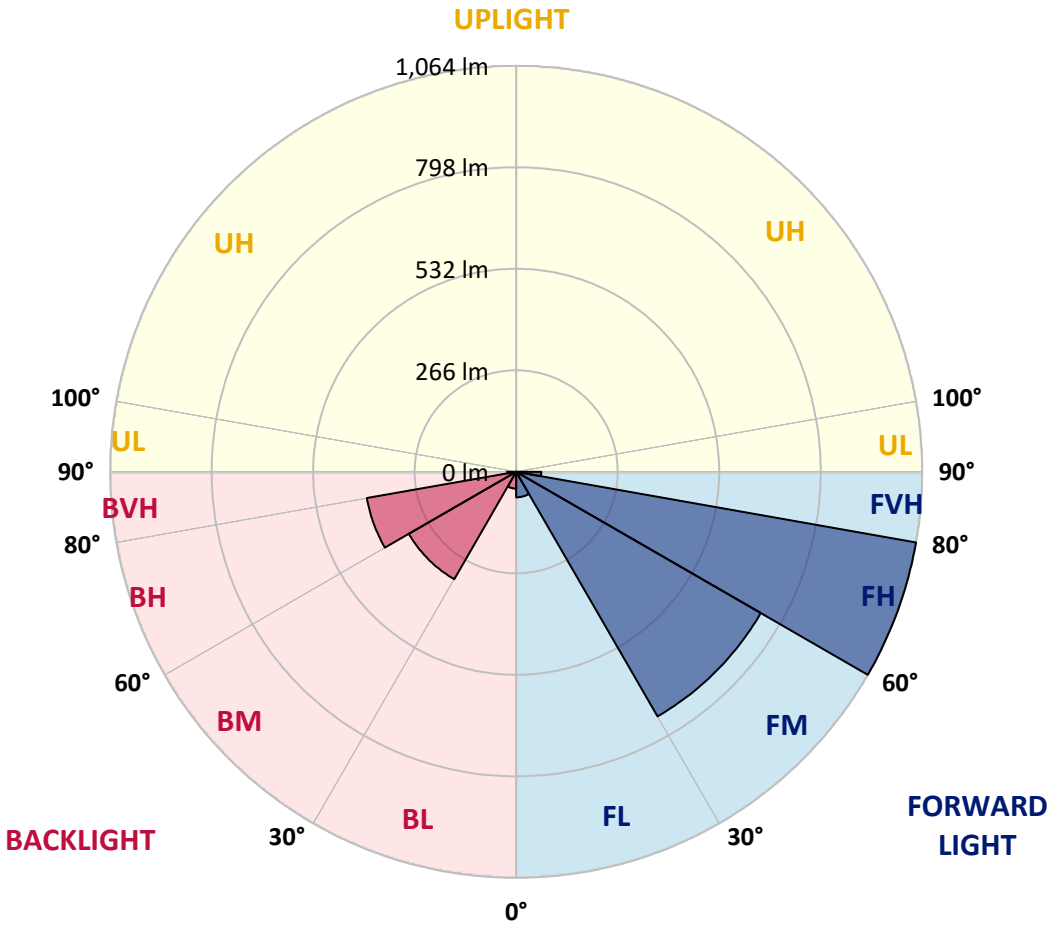
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	66.8	2.5			
FM	(30°-60°)	739.8	27.1			
FH	(60°-80°)	1063.7	39.0			G1/1800
FVH	(80°-90°)	65.7	2.4			G1/100
BL	(0°-30°)	44.1	1.6	B0/110		
BM	(30°-60°)	324.7	11.9	B1/1000		
BH	(60°-80°)	397.1	14.6	B1/500		G1/500
BVH	(80°-90°)	24.1	0.9			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	84.8	84.8	84.8	84.8	84.8	*84.8*	84.8	84.8	84.8	84.8	84.8
2.5°	90.1	90.1	89.5	89.5	89.0	*88.4*	88.4	87.8	86.6	86.0	86.0
5°	95.4	95.4	94.8	94.8	93.7	*92.5*	91.9	91.3	90.1	88.4	87.8
7.5°	101.9	101.9	101.9	101.3	99.6	*98.4*	97.2	95.4	93.7	91.9	90.7
10°	110.8	110.2	110.2	109.0	107.2	*105.5*	103.7	101.9	99.0	96.0	94.8
12.5°	120.8	120.2	119.6	119.0	116.6	*114.3*	111.9	109.6	105.5	101.9	99.6
15°	132.0	131.4	130.8	130.2	127.8	*124.9*	121.9	118.4	113.1	108.4	106.0
17.5°	146.7	146.1	145.5	144.9	141.4	*138.4*	134.3	129.0	122.5	116.1	113.1
20°	161.4	161.4	161.4	160.2	157.9	*154.4*	149.6	142.6	134.9	125.5	121.4
22.5°	179.1	179.1	180.3	179.1	176.7	*172.6*	167.3	159.1	147.9	136.7	130.8
25°	199.7	199.7	201.5	201.5	199.1	*194.4*	187.9	177.3	163.2	150.2	142.6
27.5°	223.9	223.3	226.8	227.4	225.0	*220.3*	212.7	200.3	180.9	165.0	156.1
30°	252.1	251.0	255.7	257.4	256.3	*252.7*	242.7	228.0	205.0	183.2	172.0
32.5°	279.8	283.4	288.1	292.2	292.2	*289.9*	278.7	261.0	232.7	203.8	191.5
35°	315.2	318.7	328.7	332.9	334.6	*334.6*	322.8	302.8	268.1	233.3	216.2
37.5°	355.2	359.4	372.3	380.0	385.9	*388.8*	378.8	351.7	308.1	262.2	243.9
40°	400.6	405.9	422.4	434.8	447.1	*452.5*	443.0	408.9	354.1	298.1	275.1
42.5°	451.3	457.2	479.0	498.4	518.4	*527.9*	516.7	477.2	410.6	340.5	312.8
45°	507.2	514.3	543.8	572.0	599.1	*616.8*	606.2	562.6	481.9	394.7	360.5
47.5°	569.1	577.3	615.1	653.9	693.4	*722.3*	708.1	661.0	568.5	463.1	420.0
50°	634.5	645.1	692.8	741.1	797.7	*831.9*	821.8	773.5	660.4	535.5	483.1
52.5°	701.1	709.9	774.1	838.9	907.8	*962.0*	967.9	924.3	805.3	654.5	585.6
55°	770.6	782.4	856.6	936.7	1025.7	*1131.1*	1164.7	1102.3	923.8	724.0	637.4
57.5°	840.7	851.3	929.1	1037.5	1175.3	*1306.7*	1316.1	1193.6	979.7	756.4	660.4
60°	897.8	909.6	1002.1	1149.4	1316.7	*1429.8*	1398.6	1244.2	1010.4	771.2	670.4
62.5°	942.6	957.9	1095.2	1268.4	1451.0	*1542.3*	1472.2	1290.2	1026.9	770.6	665.7
65°	*1019.2*	*1041.0*	*1180.0*	*1369.1*	*1529.4*	*1590.1*	*1520.5*	*1333.2*	*1049.2*	*767.6*	*657.5*
67.5°	1058.1	1072.8	1195.3	1370.3	1509.9	*1549.4*	1481.1	1296.1	1027.4	747.6	630.4
70°	1007.4	1029.2	1142.3	1315.5	1436.9	*1459.9*	1397.4	1212.4	957.3	685.2	575.0
72.5°	913.2	929.6	1028.0	1199.5	1300.8	*1317.3*	1266.6	1087.5	849.5	595.0	493.1
75°	770.0	784.1	859.0	1019.2	1110.5	*1127.0*	1085.2	914.9	709.3	487.2	400.0
77.5°	587.4	595.6	653.3	798.9	887.2	*901.4*	863.7	708.1	543.2	364.1	295.7
80°	370.6	375.3	431.8	552.6	633.3	*641.6*	609.7	477.8	358.2	232.1	180.3
82.5°	152.0	150.8	180.9	284.0	346.4	*331.7*	341.7	219.7	163.8	100.2	74.8
85°	9.4	7.1	5.3	14.7	14.1	*11.8*	20.6	4.7	8.2	7.7	5.9
87.5°	0.0	0.0	0.0	0.0	0.0	*0.6*	0.6	0.6	0.6	0.6	0.6
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
2.5°	85.4	84.8	84.2	83.7	83.1	82.5	82.5	81.9	81.9	81.9
5°	87.2	85.4	84.8	83.1	81.9	81.3	81.3	80.7	80.7	80.7
7.5°	89.5	87.8	86.0	84.2	82.5	81.3	80.7	80.7	80.1	80.1
10°	93.1	90.7	88.4	86.0	84.2	83.1	81.9	81.3	81.3	81.3
12.5°	98.4	94.3	91.3	88.4	86.6	84.8	83.7	83.1	83.1	83.1
15°	103.7	99.0	95.4	91.9	89.5	87.2	86.6	86.0	86.0	86.0
17.5°	110.2	104.3	99.6	95.4	93.1	90.7	90.1	89.5	89.5	89.0
20°	117.8	110.8	104.9	100.2	97.8	95.4	94.3	94.3	93.7	93.7
22.5°	126.1	117.2	110.8	105.5	103.1	100.2	99.6	99.6	99.6	99.0
25°	136.7	124.9	117.8	111.9	109.0	106.6	106.0	106.6	106.6	106.0
27.5°	149.0	134.3	125.5	119.0	116.6	114.3	114.3	114.3	115.5	114.3
30°	163.2	146.7	134.9	127.8	125.5	123.1	123.7	124.9	125.5	124.9
32.5°	179.7	159.1	146.7	138.4	136.1	133.7	134.9	137.3	139.0	136.7
35°	201.5	176.1	160.8	152.0	149.6	147.9	149.6	152.0	153.8	152.6
37.5°	224.5	194.4	177.3	167.3	165.0	163.2	165.5	168.5	170.8	169.1
40°	251.6	215.0	195.6	185.6	184.4	181.5	184.4	187.9	190.9	189.1
42.5°	283.4	240.4	217.4	206.2	205.6	202.7	205.6	209.7	212.7	211.5
45°	324.0	271.0	243.9	230.3	230.3	226.2	229.8	233.9	238.6	235.1
47.5°	374.7	311.1	275.1	256.3	256.9	253.3	255.7	259.8	264.5	261.0
50°	431.8	354.1	310.5	287.5	285.1	281.0	285.1	288.1	292.2	291.0
52.5°	514.3	418.3	360.0	322.8	316.4	310.5	314.6	314.6	319.9	318.7
55°	563.2	465.4	410.6	372.9	355.8	342.3	344.1	345.2	348.8	347.6
57.5°	584.4	483.7	435.4	410.0	395.9	378.8	374.1	371.2	376.5	375.9
60°	590.9	490.2	444.8	429.5	424.8	414.2	405.9	399.4	400.0	399.4
62.5°	585.0	488.4	449.5	441.8	451.9	450.1	443.6	425.9	421.8	419.5
65°	*576.2*	*484.9*	*451.9*	*447.1*	*454.2*	*464.2*	*466.0*	*460.1*	*458.9*	*455.4*
67.5°	552.6	462.5	430.7	430.7	435.4	455.4	466.0	470.1	467.8	466.6
70°	501.9	423.0	398.8	400.0	403.6	431.8	447.7	454.8	446.0	447.1
72.5°	431.2	368.2	352.3	357.0	357.6	390.0	409.4	415.9	407.1	410.0
75°	348.2	301.0	292.8	301.6	301.0	330.5	348.8	356.4	348.8	355.2
77.5°	257.4	225.6	224.5	236.2	232.7	259.8	273.9	282.2	278.7	283.4
80°	162.0	146.7	150.8	163.8	155.5	179.7	190.3	196.8	190.9	197.4
82.5°	70.7	68.9	75.4	84.8	73.6	92.5	98.4	100.7	93.7	100.2
85°	4.7	5.3	5.9	7.7	2.9	7.1	10.6	8.2	7.1	6.5
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)