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: P887613

Luminaire Tested: **TT-D2-735-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:	P887613
	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-D2-735-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:	3671 lumens
Efficiency:	N/A
Efficacy:	90.6 lumens/watt
Luminous Opening:	Circular (Dia: 1.12' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	40.5
Input Voltage (V):	120.0
Input Current (Ain):	0.34
Voltage Rise (V):	NR
Power Factor:	0.972
Total Harmonic Distortion (THDi):	15.9%
Frequency (hertz):	60
Stabilization Time:	HR
Operation Time:	HR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

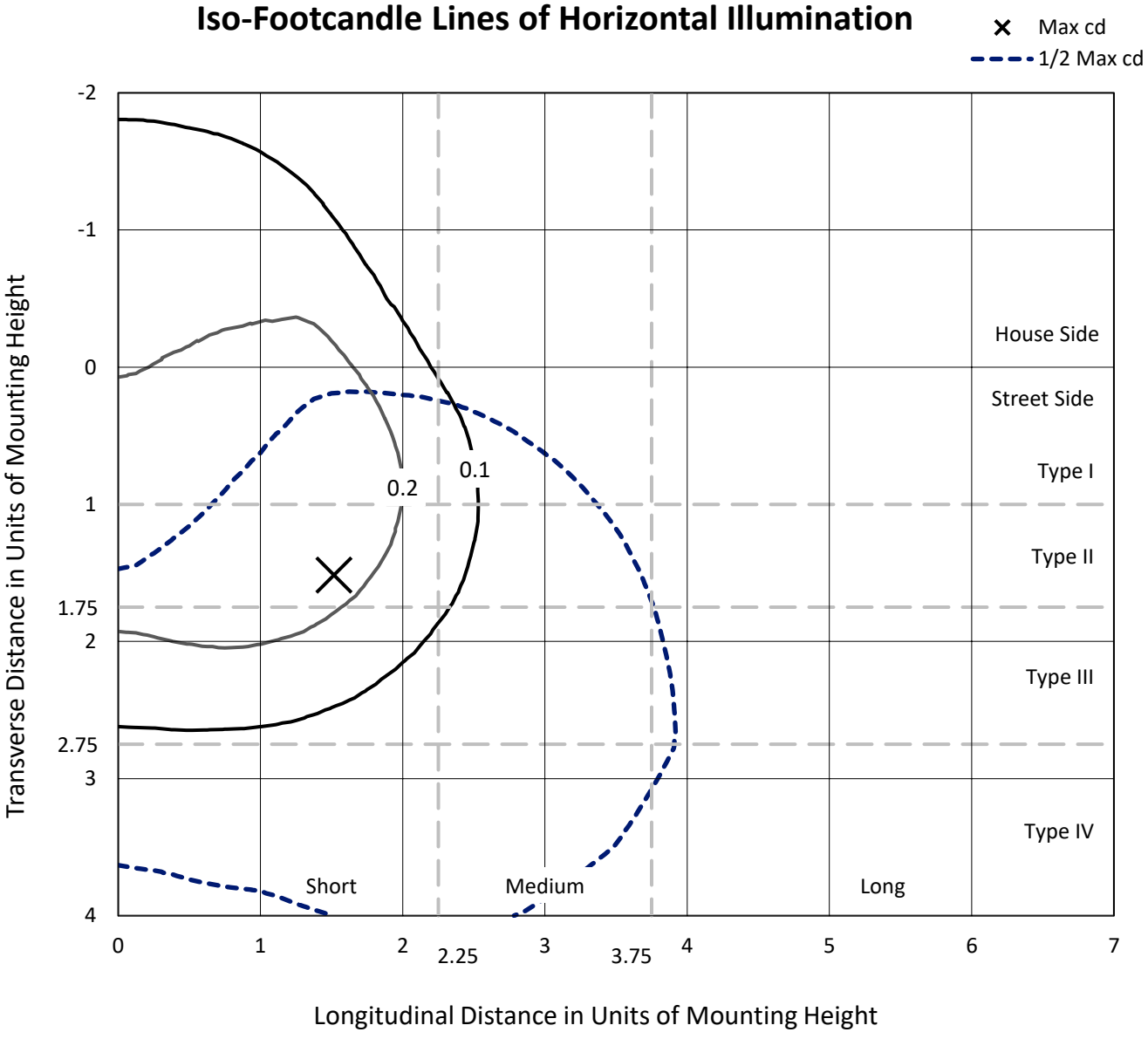


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Iso-Footcandle Lines of Horizontal Illumination



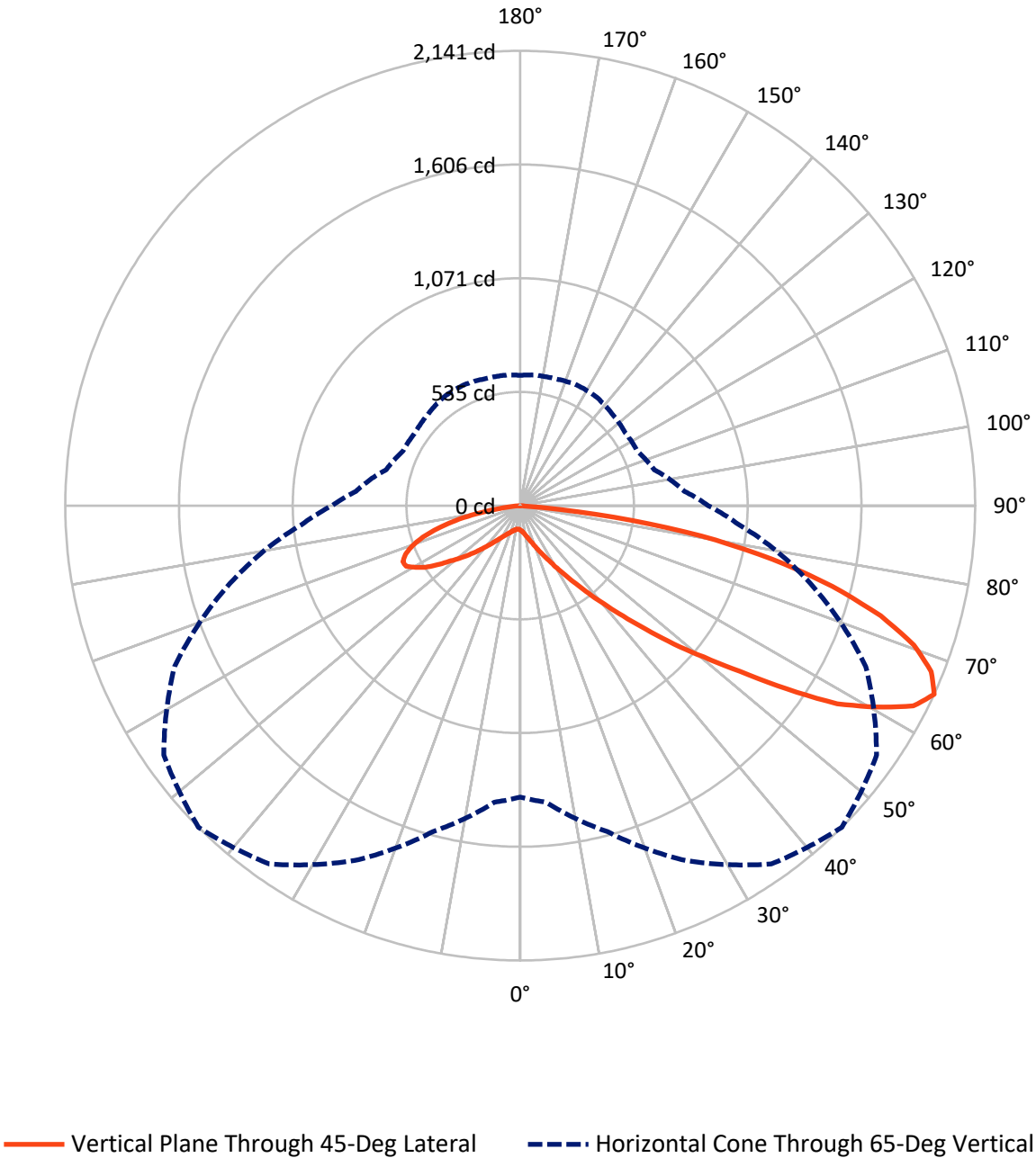
Based on 25 foot mounting height. Maximum calculated value = 0.5 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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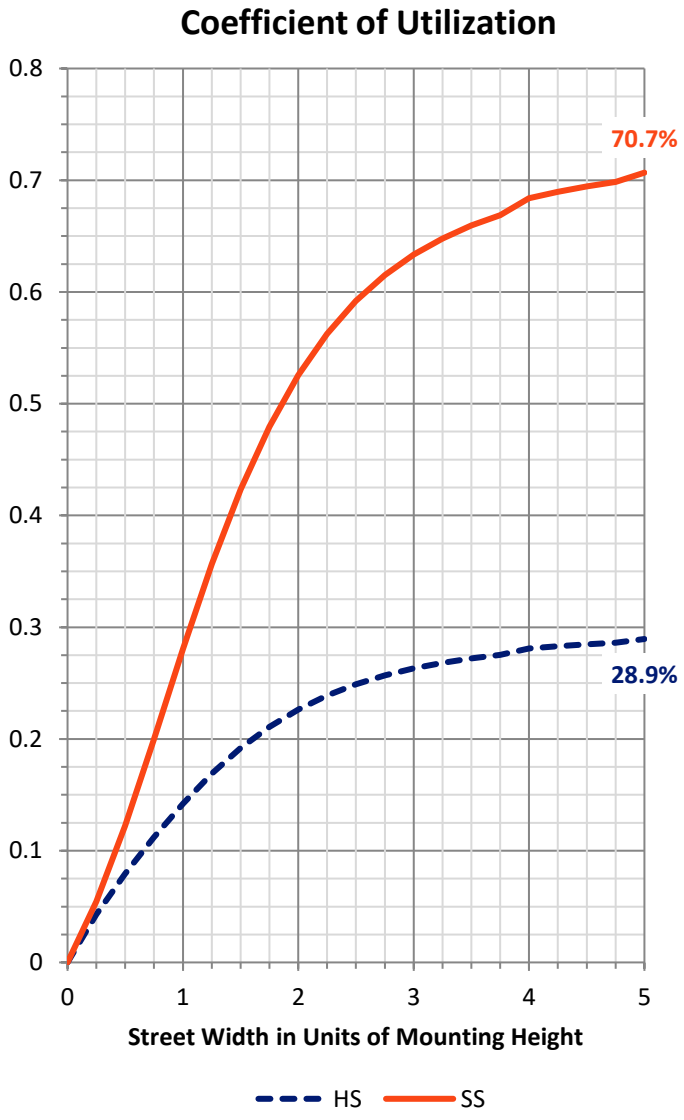
REPORT NUMBER: P887613
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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1063.8	0.0	1063.8
	% Fixture	29.0	0.0	29.0
Street Side	Lumens	2607.2	0.0	2607.2
	% Fixture	71.0	0.0	71.0
Total	Lumens	3671.0	0.0	3671.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.6	0.3
10°-20°	42.0	1.1
20°-30°	95.8	2.6
30°-40°	203.0	5.5
40°-50°	421.3	11.5
50°-60°	809.3	22.0
60°-70°	1122.3	30.6
70°-80°	844.9	23.0
80°-90°	120.9	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°	3671.0	100.0
0°-180°	3671.0	100.0



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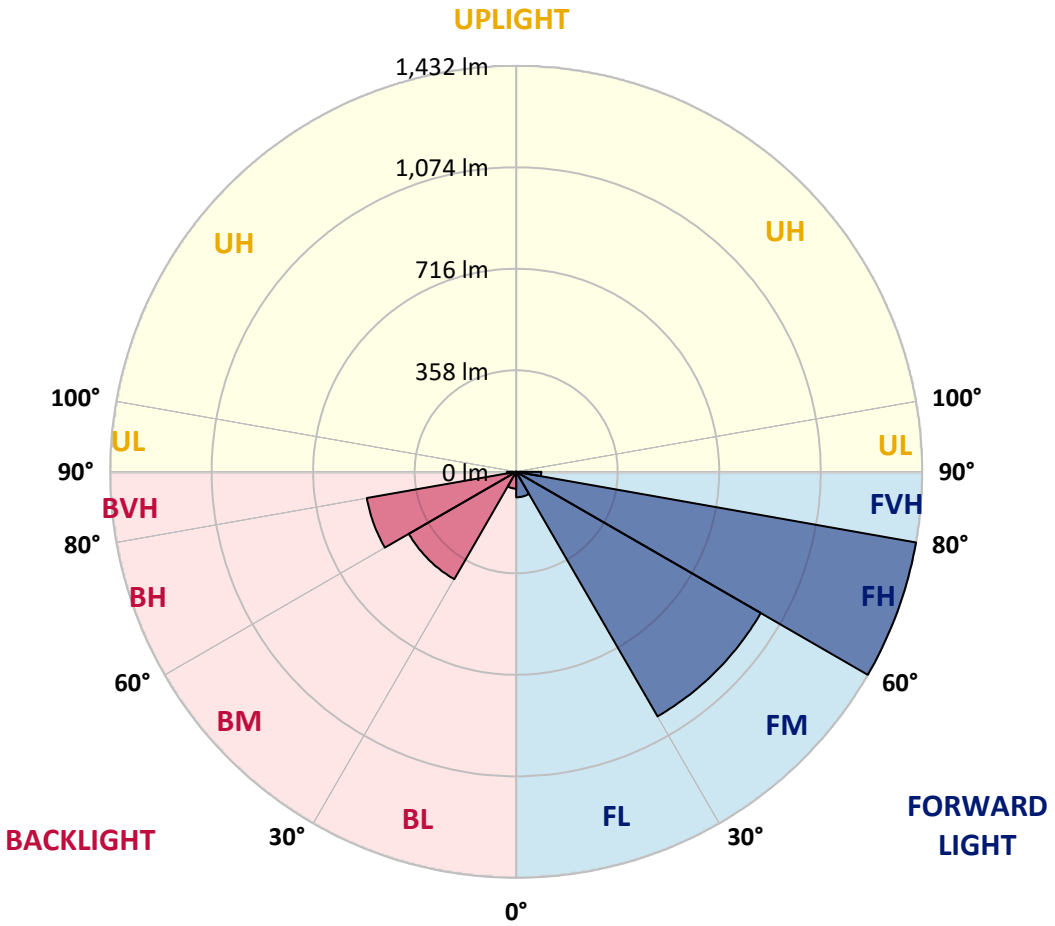
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	90.0	2.5			
FM	(30°-60°)	996.3	27.1			
FH	(60°-80°)	1432.4	39.0			G1/1800
FVH	(80°-90°)	88.5	2.4			G1/100
BL	(0°-30°)	59.4	1.6	B0/110		
BM	(30°-60°)	437.3	11.9	B1/1000		
BH	(60°-80°)	534.8	14.6	B2/1000		G2/1000
BVH	(80°-90°)	32.4	0.9			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	114.2	114.2	114.2	114.2	114.2	*114.2*	114.2	114.2	114.2	114.2	114.2
2.5°	121.4	121.4	120.6	120.6	119.8	*119.0*	119.0	118.2	116.6	115.8	115.8
5°	128.5	128.5	127.7	127.7	126.1	*124.6*	123.8	123.0	121.4	119.0	118.2
7.5°	137.3	137.3	137.3	136.5	134.1	*132.5*	130.9	128.5	126.1	123.8	122.2
10°	149.2	148.4	148.4	146.8	144.4	*142.0*	139.6	137.3	133.3	129.3	127.7
12.5°	162.6	161.8	161.1	160.3	157.1	*153.9*	150.7	147.6	142.0	137.3	134.1
15°	177.7	176.9	176.1	175.3	172.2	*168.2*	164.2	159.5	152.3	146.0	142.8
17.5°	197.5	196.8	196.0	195.2	190.4	*186.4*	180.9	173.7	165.0	156.3	152.3
20°	217.4	217.4	217.4	215.8	212.6	*207.9*	201.5	192.0	181.7	169.0	163.4
22.5°	241.2	241.2	242.8	241.2	238.0	*232.5*	225.3	214.2	199.1	184.1	176.1
25°	268.9	268.9	271.3	271.3	268.2	*261.8*	253.1	238.8	219.8	202.3	192.0
27.5°	301.5	300.7	305.4	306.2	303.1	*296.7*	286.4	269.7	243.6	222.1	210.2
30°	339.6	338.0	344.3	346.7	345.1	*340.4*	326.9	307.0	276.1	246.7	231.7
32.5°	376.8	381.6	388.0	393.5	393.5	*390.3*	375.3	351.5	313.4	274.5	257.8
35°	424.4	429.2	442.7	448.2	450.6	*450.6*	434.8	407.8	361.0	314.2	291.2
37.5°	478.4	483.9	501.4	511.7	519.6	*523.6*	510.1	473.6	414.9	353.0	328.5
40°	539.5	546.6	568.8	585.5	602.2	*609.3*	596.6	550.6	476.8	401.4	370.5
42.5°	607.7	615.6	645.0	671.2	698.2	*710.8*	695.8	642.6	553.0	458.6	421.3
45°	683.1	692.6	732.3	770.4	806.8	*830.6*	816.4	757.7	649.0	531.6	485.5
47.5°	766.4	777.5	828.3	880.6	933.8	*972.7*	953.6	890.1	765.6	623.6	565.7
50°	854.4	868.7	933.0	998.0	1074.2	*1120.2*	1106.7	1041.7	889.4	721.2	650.6
52.5°	944.1	956.0	1042.5	1129.7	1222.6	*1295.6*	1303.5	1244.8	1084.5	881.4	788.6
55°	1037.7	1053.6	1153.5	1261.4	1381.2	*1523.2*	1568.5	1484.4	1244.0	975.0	858.4
57.5°	1132.1	1146.4	1251.1	1397.1	1582.8	*1759.7*	1772.4	1607.3	1319.4	1018.7	889.4
60°	1209.1	1224.9	1349.5	1547.8	1773.2	*1925.5*	1883.4	1675.6	1360.6	1038.5	902.8
62.5°	1269.4	1290.0	1474.9	1708.1	1954.0	*2077.0*	1982.6	1737.5	1382.8	1037.7	896.5
65°	*1372.5*	*1401.9*	*1589.1*	*1843.8*	*2059.6*	*2141.3*	*2047.7*	*1795.4*	*1413.0*	*1033.7*	*885.4*
67.5°	1424.9	1444.7	1609.7	1845.4	2033.4	*2086.5*	1994.5	1745.4	1383.6	1006.8	848.9
70°	1356.6	1386.0	1538.3	1771.6	1935.0	*1965.9*	1881.8	1632.7	1289.2	922.7	774.3
72.5°	1229.7	1251.9	1384.4	1615.3	1751.7	*1774.0*	1705.7	1464.5	1144.0	801.3	664.0
75°	1036.9	1056.0	1156.7	1372.5	1495.5	*1517.7*	1461.4	1232.1	955.2	656.1	538.7
77.5°	791.0	802.1	879.8	1075.8	1194.8	*1213.8*	1163.1	953.6	731.5	490.3	398.3
80°	499.0	505.4	581.5	744.2	852.9	*864.0*	821.1	643.4	482.4	312.6	242.8
82.5°	204.7	203.1	243.6	382.4	466.5	*446.7*	460.1	295.9	220.6	134.9	100.8
85°	12.7	9.5	7.1	19.8	19.0	*15.9*	27.8	6.3	11.1	10.3	7.9
87.5°	0.0	0.0	0.0	0.0	0.0	*0.8*	0.8	0.8	0.8	0.8	0.8
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2
2.5°	115.0	114.2	113.5	112.7	111.9	111.1	111.1	110.3	110.3	110.3
5°	117.4	115.0	114.2	111.9	110.3	109.5	109.5	108.7	108.7	108.7
7.5°	120.6	118.2	115.8	113.5	111.1	109.5	108.7	108.7	107.9	107.9
10°	125.4	122.2	119.0	115.8	113.5	111.9	110.3	109.5	109.5	109.5
12.5°	132.5	126.9	123.0	119.0	116.6	114.2	112.7	111.9	111.9	111.9
15°	139.6	133.3	128.5	123.8	120.6	117.4	116.6	115.8	115.8	115.8
17.5°	148.4	140.4	134.1	128.5	125.4	122.2	121.4	120.6	120.6	119.8
20°	158.7	149.2	141.2	134.9	131.7	128.5	126.9	126.9	126.1	126.1
22.5°	169.8	157.9	149.2	142.0	138.8	134.9	134.1	134.1	134.1	133.3
25°	184.1	168.2	158.7	150.7	146.8	143.6	142.8	143.6	143.6	142.8
27.5°	200.7	180.9	169.0	160.3	157.1	153.9	153.9	153.9	155.5	153.9
30°	219.8	197.5	181.7	172.2	169.0	165.8	166.6	168.2	169.0	168.2
32.5°	242.0	214.2	197.5	186.4	183.3	180.1	181.7	184.9	187.2	184.1
35°	271.3	237.2	216.6	204.7	201.5	199.1	201.5	204.7	207.1	205.5
37.5°	302.3	261.8	238.8	225.3	222.1	219.8	222.9	226.9	230.1	227.7
40°	338.8	289.6	263.4	249.9	248.3	244.4	248.3	253.1	257.0	254.7
42.5°	381.6	323.7	292.7	277.7	276.9	272.9	276.9	282.4	286.4	284.8
45°	436.3	364.9	328.5	310.2	310.2	304.6	309.4	315.0	321.3	316.6
47.5°	504.6	418.9	370.5	345.1	345.9	341.1	344.3	349.9	356.2	351.5
50°	581.5	476.8	418.1	387.2	384.0	378.4	384.0	388.0	393.5	391.9
52.5°	692.6	563.3	484.7	434.8	426.0	418.1	423.7	423.7	430.8	429.2
55°	758.5	626.8	553.0	502.2	479.2	460.9	463.3	464.9	469.7	468.1
57.5°	787.0	651.3	586.3	552.2	533.1	510.1	503.8	499.8	507.0	506.2
60°	795.7	660.1	599.0	578.4	572.0	557.7	546.6	537.9	538.7	537.9
62.5°	787.8	657.7	605.3	595.0	608.5	606.1	597.4	573.6	568.0	564.9
65°	*775.9*	*652.9*	*608.5*	*602.2*	*611.7*	*625.2*	*627.5*	*619.6*	*618.0*	*613.3*
67.5°	744.2	622.8	579.9	579.9	586.3	613.3	627.5	633.1	629.9	628.3
70°	675.9	569.6	537.1	538.7	543.5	581.5	603.0	612.5	600.6	602.2
72.5°	580.7	495.8	474.4	480.8	481.6	525.2	551.4	560.1	548.2	552.2
75°	468.9	405.4	394.3	406.2	405.4	445.1	469.7	480.0	469.7	478.4
77.5°	346.7	303.9	302.3	318.1	313.4	349.9	368.9	380.0	375.3	381.6
80°	218.2	197.5	203.1	220.6	209.4	242.0	256.3	265.0	257.0	265.8
82.5°	95.2	92.8	101.5	114.2	99.2	124.6	132.5	135.7	126.1	134.9
85°	6.3	7.1	7.9	10.3	4.0	9.5	14.3	11.1	9.5	8.7
87.5°	0.8	0.8	0.8	0.8	0.8	0.8	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)