

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: STREETWORKS

Report Number: P179264

Luminaire Tested: **UTLD-F01-LED-E-U-SL3-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P179264
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P34325)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: UTLD-F01-LED-E-U-SL3-HSS-7030
Description: TRADITIONAIRE LED DOWNLIGHT LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (7) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1167.2 lumens
Efficiency: N/A
Efficacy: 45.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

Input Watts (W): 25.9
Input Voltage (V): NR
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: 28.75 FT

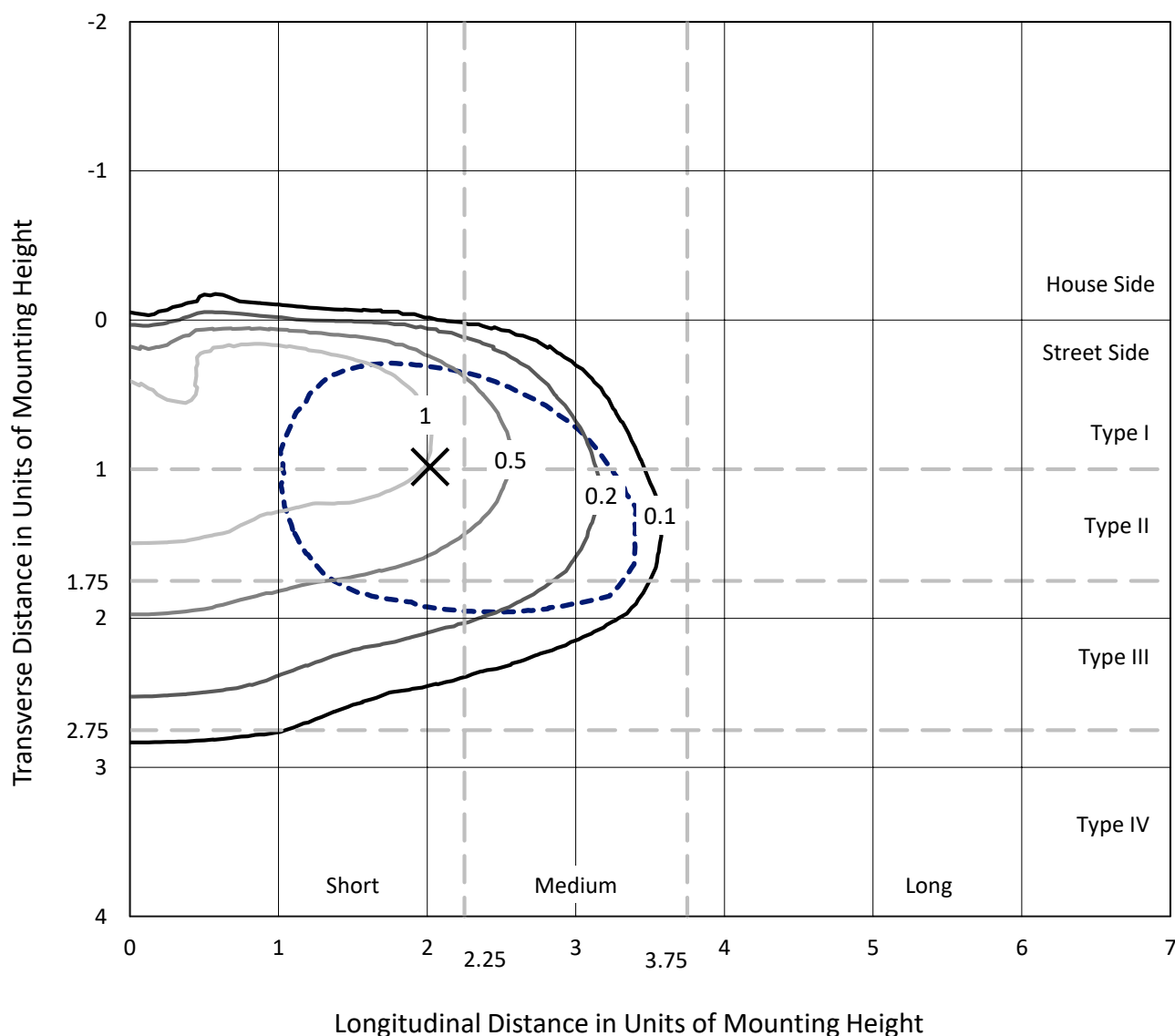


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

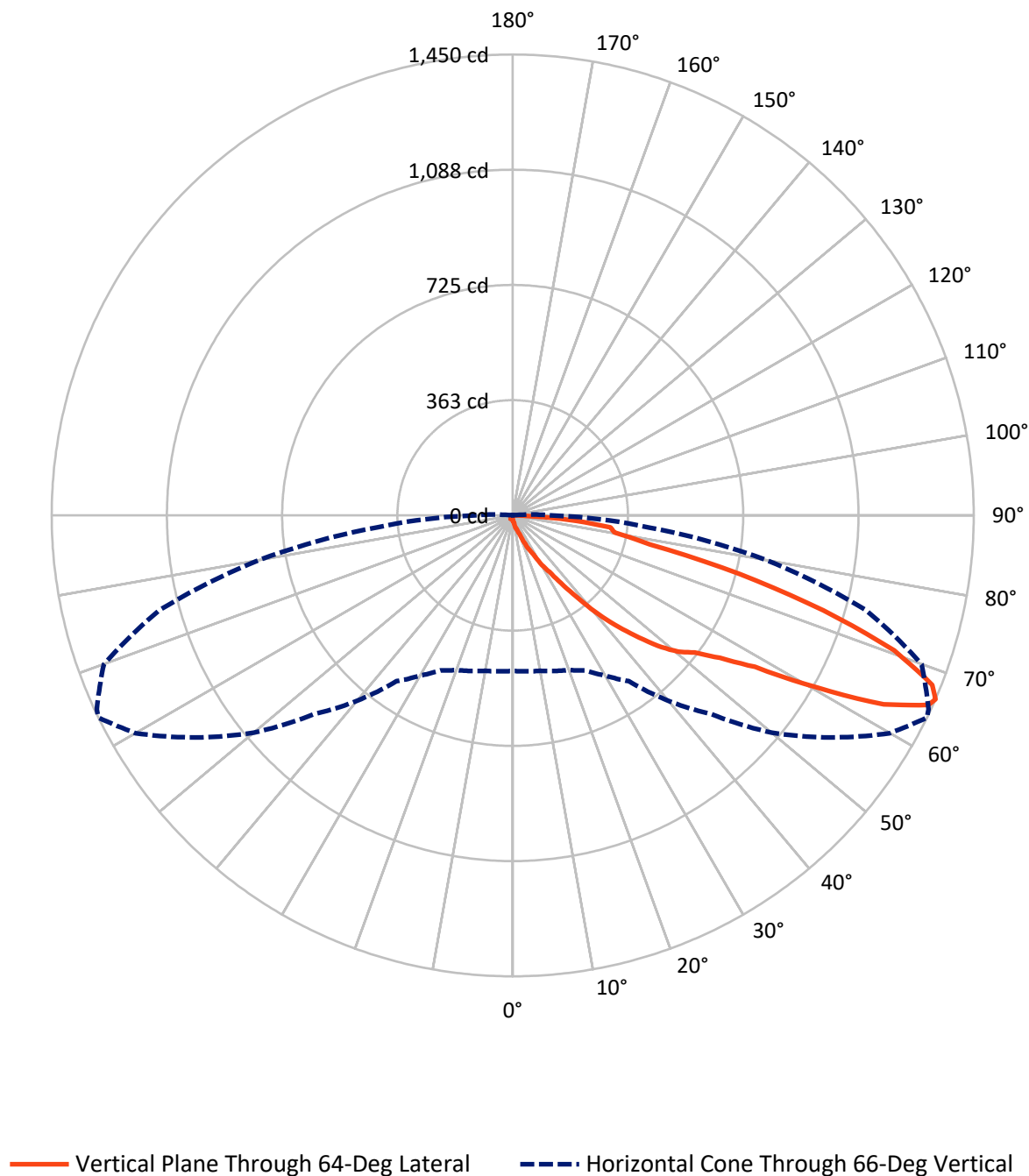


Based on 10 foot mounting height. Maximum calculated value = 1.9 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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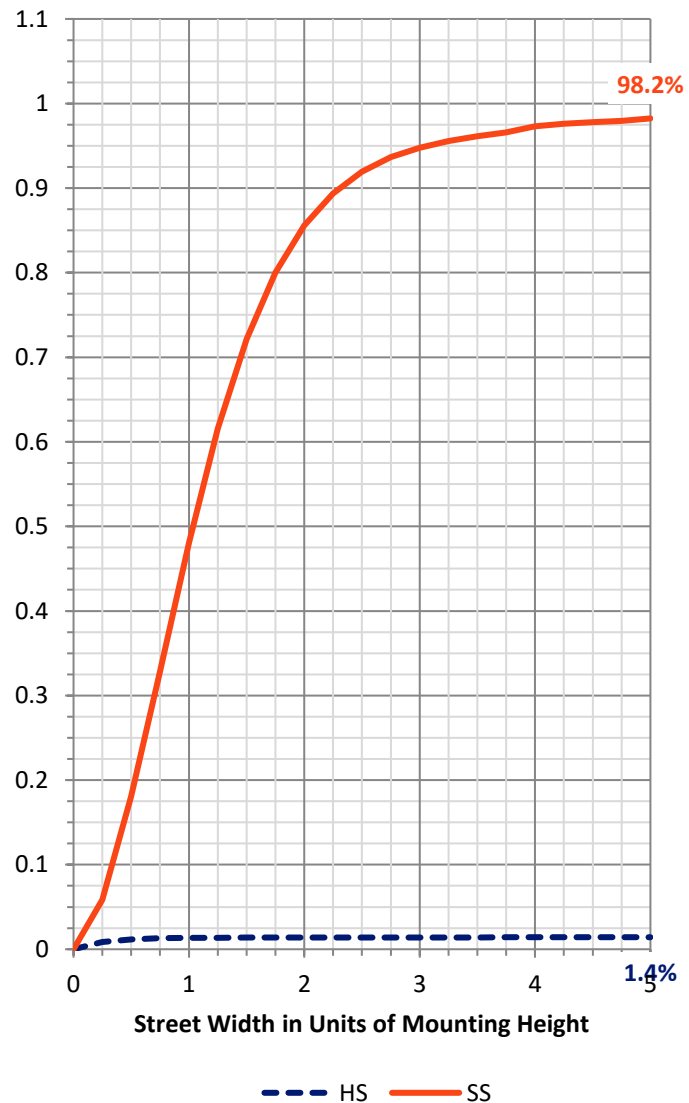
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17.1	0.0	17.1
	% Fixture	1.5	0.0	1.5
Street Side	Lumens	1150.1	0.0	1150.1
	% Fixture	98.5	0.0	98.5
Total	Lumens	1167.2	0.0	1167.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.6	0.1
10°-20°	9.1	0.8
20°-30°	27.9	2.4
30°-40°	74.1	6.4
40°-50°	172.5	14.8
50°-60°	294.1	25.2
60°-70°	388.3	33.3
70°-80°	174.2	14.9
80°-90°	25.4	2.2
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°	1167.2	100.0
0°-180°	1167.2	100.0

Coefficient of Utilization



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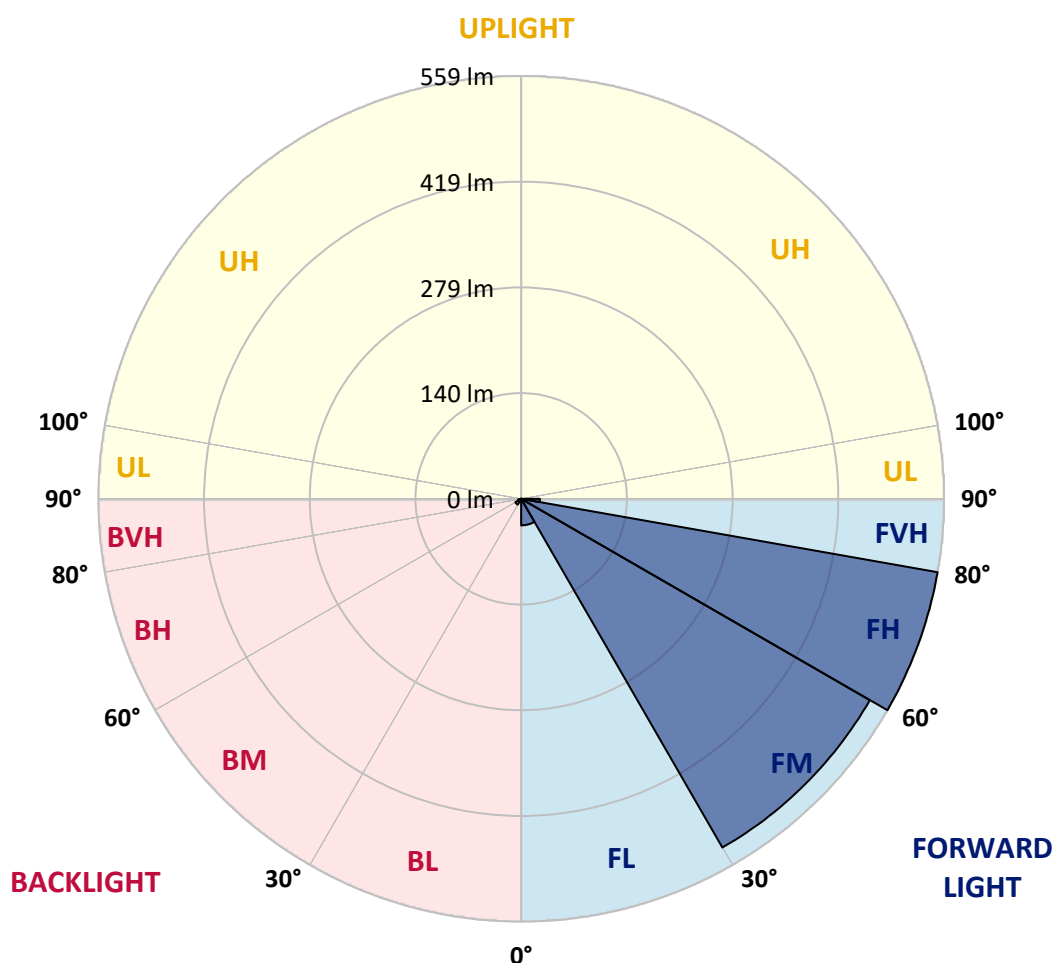
CATALOG NUMBER: UTLD-F01-LED-E-U-SL3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	35.0	3.0			
FM	(30°-60°)	531.9	45.6			
FH	(60°-80°)	558.6	47.9			G0/660
FVH	(80°-90°)	24.7	2.1			G1/100
BL	(0°-30°)	3.6	0.3	B0/110		
BM	(30°-60°)	8.8	0.8	B0/220		
BH	(60°-80°)	3.9	0.3	B0/110		G0/110
BVH	(80°-90°)	0.7	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
2.5°	20.0	20.0	20.0	19.6	19.2	19.2	18.8	18.5	18.5	18.5	18.1
5°	27.1	26.0	25.3	24.1	23.4	23.4	22.6	22.2	21.9	21.5	20.7
7.5°	40.3	40.0	39.2	38.8	38.5	38.1	36.9	36.6	35.4	32.4	24.9
10°	51.3	49.4	49.4	46.7	45.2	43.7	42.2	41.5	41.5	38.8	36.9
12.5°	61.5	61.8	62.2	62.6	61.5	60.7	59.6	58.1	47.9	45.6	45.6
15°	81.8	81.1	79.9	74.3	66.0	64.5	61.5	61.8	67.1	63.7	54.3
17.5°	84.8	84.8	84.1	82.9	81.4	78.8	79.2	76.9	69.7	68.2	67.9
20°	109.3	109.3	107.8	104.1	95.4	82.9	85.6	82.6	82.9	81.4	77.3
22.5°	118.8	119.1	116.1	112.0	105.9	105.2	99.2	86.7	90.5	88.2	89.3
25°	150.4	149.7	145.5	136.8	128.9	110.5	101.8	103.7	98.4	95.4	109.3
27.5°	185.1	184.4	169.3	151.9	139.5	126.7	120.6	109.7	112.0	114.6	119.1
30°	204.0	202.1	194.5	181.3	166.3	149.7	128.9	125.9	123.3	125.5	156.8
32.5°	246.6	246.2	236.0	220.2	201.7	170.4	153.1	147.0	140.6	159.5	182.1
35°	294.1	292.5	285.0	261.6	237.5	213.8	200.9	181.7	187.4	198.7	233.7
37.5°	331.4	331.4	321.2	300.5	289.5	269.9	253.3	250.3	241.7	258.2	299.7
40°	352.5	354.8	357.0	349.9	339.3	331.0	322.0	315.9	319.3	327.2	369.5
42.5°	387.2	391.3	398.5	395.1	390.2	392.1	378.9	382.3	388.3	400.4	443.7
45°	437.7	441.1	449.0	455.0	463.3	458.8	433.9	451.6	464.5	472.4	518.4
47.5°	487.8	494.2	504.8	513.8	527.0	522.5	508.6	516.1	528.9	537.2	590.4
50°	531.6	537.6	548.9	562.5	568.1	579.1	573.8	577.6	592.6	599.4	651.5
52.5°	564.4	567.4	577.2	592.6	598.7	615.6	617.9	617.5	646.9	657.5	711.8
55°	581.7	584.7	594.1	606.2	614.1	637.1	634.9	641.3	685.0	705.0	773.2
57.5°	585.1	588.9	596.4	611.5	617.9	645.0	639.8	654.8	712.1	753.2	838.4
60°	578.7	582.8	589.2	603.6	612.6	638.6	646.5	667.3	739.7	805.6	921.8
62.5°	551.2	557.6	561.3	576.8	585.5	607.3	643.5	682.0	770.2	855.0	1010.4
65°	508.9	512.3	517.6	528.9	539.1	561.0	609.2	665.0	778.1	885.9	1062.0
66°	489.3	492.4	496.5	506.7	517.6	538.0	581.7	636.7	760.8	884.4	1063.5
67.5°	451.3	452.8	460.3	468.2	480.3	493.1	526.7	581.3	709.5	846.4	1035.2
70°	304.6	309.5	330.2	357.8	374.7	372.8	394.0	442.2	555.3	688.0	893.1
72.5°	143.3	144.8	147.4	158.3	220.9	233.7	248.4	289.9	375.1	479.2	651.8
75°	117.2	118.8	123.3	128.9	142.1	157.6	162.9	179.1	240.9	297.1	398.5
77.5°	40.0	41.1	44.1	52.4	80.3	100.7	118.8	147.8	181.3	211.1	261.3
80°	16.6	17.7	19.2	17.7	20.7	34.3	43.4	63.3	110.5	162.1	207.0
82.5°	9.0	9.4	10.6	9.8	12.1	15.8	17.0	18.5	26.8	54.3	116.1
85°	2.6	2.6	3.0	4.9	7.2	10.6	10.6	10.2	10.2	15.5	29.0
87.5°	0.8	0.8	1.1	1.5	2.3	3.8	4.5	4.5	4.9	6.4	9.4
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):

	55°	60°	64°	65°	70°	75°	80°	85°	90°	95°	100°
0°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
2.5°	18.1	18.1	18.1	18.1	17.7	17.7	16.6	15.1	13.6	12.1	10.9
5°	20.4	19.2	18.8	18.8	17.7	17.7	17.3	16.2	12.4	10.6	9.4
7.5°	23.0	21.5	20.7	20.7	19.6	18.1	17.3	16.6	12.8	10.2	9.0
10°	36.2	30.2	26.0	24.9	23.4	21.5	20.4	20.4	15.1	12.1	10.9
12.5°	44.1	41.8	39.2	37.3	27.1	24.5	23.4	20.4	15.8	11.7	10.2
15°	50.5	47.1	44.1	43.4	43.0	32.8	28.3	25.6	18.5	15.1	12.4
17.5°	72.8	58.1	53.2	52.8	47.9	36.2	31.3	25.6	20.0	15.1	12.4
20°	76.9	71.3	63.3	64.8	65.6	57.3	44.9	35.1	26.4	20.0	15.1
22.5°	98.8	95.8	90.9	89.3	75.0	65.6	48.6	41.1	28.7	20.0	15.1
25°	113.1	111.2	117.6	116.5	108.2	91.2	66.7	49.0	35.8	23.0	17.0
27.5°	141.0	150.0	137.6	141.4	125.5	109.7	87.8	60.7	38.1	24.1	17.3
30°	160.2	173.0	181.3	179.1	158.7	127.8	97.6	68.6	41.5	24.1	18.1
32.5°	201.3	210.0	211.5	207.0	194.9	161.4	116.9	78.8	43.4	24.9	19.2
35°	239.4	261.3	260.9	261.6	237.5	198.7	141.4	84.8	46.4	24.9	19.2
37.5°	312.9	325.0	323.5	323.1	296.3	242.8	166.6	102.5	49.8	24.9	18.8
40°	383.8	398.5	398.1	394.0	365.7	295.6	209.2	116.9	53.2	25.6	17.7
42.5°	452.4	459.2	470.5	472.0	423.7	356.3	252.6	136.5	56.9	26.4	17.0
45°	524.0	516.5	538.0	536.5	492.0	420.7	289.5	159.5	63.0	25.6	15.8
47.5°	596.4	594.9	613.4	599.8	566.6	497.6	342.3	184.0	66.7	24.5	14.7
50°	660.5	672.6	674.1	654.1	637.1	573.0	412.1	216.8	74.3	22.6	13.9
52.5°	716.7	736.3	716.7	712.5	711.8	633.0	470.9	246.2	81.4	20.7	12.8
55°	786.8	801.1	790.6	792.1	799.6	734.8	543.3	300.5	93.9	18.8	11.7
57.5°	876.5	905.2	899.1	925.5	927.0	878.8	646.2	362.3	108.6	17.3	10.6
60°	995.6	1066.1	1100.5	1129.9	1095.9	1035.6	760.4	413.6	120.3	15.8	9.4
62.5°	1132.5	1248.6	1309.7	1342.9	1249.4	1120.4	806.8	435.4	122.9	13.9	8.3
65°	1210.9	1356.1	1437.5	1439.8	1350.4	1146.1	813.6	434.7	120.3	12.1	7.2
66°	1218.1	1370.0	1450.3	1443.5	1368.5	1149.1	809.0	427.9	117.6	11.3	6.8
67.5°	1192.1	1344.0	1423.5	1410.7	1357.6	1132.1	779.3	410.5	112.3	10.2	6.4
70°	1056.3	1192.8	1273.5	1256.2	1259.9	1032.2	654.1	350.2	98.0	8.3	5.7
72.5°	832.8	986.2	1021.7	1008.8	1031.8	763.4	462.2	245.8	73.1	6.8	4.9
75°	558.7	712.1	736.7	726.5	654.1	384.5	183.6	103.7	38.1	5.7	4.1
77.5°	336.7	448.6	442.2	443.3	350.2	156.1	34.7	24.1	12.8	4.5	3.0
80°	246.2	311.4	324.2	332.1	274.8	102.2	19.2	14.3	7.5	3.4	2.3
82.5°	199.8	279.0	310.3	313.3	248.8	81.1	14.7	11.3	5.7	2.6	1.5
85°	54.7	142.5	176.1	167.0	105.9	27.5	10.6	7.5	3.8	1.9	1.5
87.5°	12.8	32.4	41.1	42.2	30.2	10.2	9.0	7.2	2.6	1.5	1.5
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):

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
2.5°	10.6	10.2	9.8	9.4	9.4	9.0	9.0	9.0	8.7	9.0	9.0
5°	9.0	8.7	8.3	7.9	7.5	7.5	7.5	7.9	8.3	8.3	8.3
7.5°	8.7	7.9	7.5	7.5	7.5	5.3	3.8	3.4	3.4	3.4	3.8
10°	9.0	7.9	8.3	4.5	3.0	3.0	3.0	3.0	3.0	4.1	4.9
12.5°	9.4	8.7	4.9	4.5	4.1	3.8	4.5	4.1	4.1	4.5	4.5
15°	10.9	6.8	5.3	4.5	5.3	5.7	5.3	4.9	4.1	4.1	4.9
17.5°	9.0	6.8	6.0	6.8	6.8	5.7	4.9	5.7	5.7	5.3	4.9
20°	10.9	9.4	8.3	7.2	6.4	6.0	6.4	5.7	5.3	5.3	5.7
22.5°	11.7	10.2	10.6	9.4	8.7	6.8	6.4	5.7	6.0	5.7	5.7
25°	14.3	14.3	12.4	9.8	9.0	7.9	7.5	6.0	6.0	5.3	5.7
27.5°	15.5	13.9	12.4	11.3	10.2	7.9	7.5	6.4	5.7	5.7	4.9
30°	16.2	14.3	12.8	11.3	9.8	8.7	7.5	6.4	5.7	5.3	5.3
32.5°	17.3	15.1	12.4	10.6	9.4	7.9	7.5	6.0	5.3	4.5	4.5
35°	16.2	13.9	12.1	10.6	8.7	7.5	6.8	5.7	4.5	4.5	4.1
37.5°	15.1	12.8	10.9	9.8	8.3	6.8	6.0	4.9	4.1	3.8	3.8
40°	14.3	12.1	10.2	8.7	7.2	6.0	5.3	4.1	3.4	3.0	3.0
42.5°	13.2	10.9	9.0	7.5	6.4	5.3	4.5	3.4	2.6	2.3	2.3
45°	12.4	10.2	8.3	6.8	5.3	4.5	3.4	2.6	1.9	1.5	1.5
47.5°	11.7	9.4	7.2	5.7	4.5	3.8	2.6	1.9	1.1	1.1	0.8
50°	10.6	8.3	6.4	4.9	3.8	3.0	1.9	1.1	0.8	0.4	0.4
52.5°	9.8	7.2	5.7	4.1	3.0	2.3	1.5	0.8	0.4	0.4	0.4
55°	8.7	6.4	4.9	3.4	2.6	1.5	0.8	0.4	0.4	0.4	0.4
57.5°	7.5	5.3	4.1	3.0	1.9	1.1	0.8	0.4	0.4	0.4	0.0
60°	6.4	4.5	3.4	2.3	1.5	0.8	0.4	0.4	0.4	0.4	0.0
62.5°	5.7	3.8	2.6	1.9	1.1	0.8	0.4	0.4	0.4	0.4	0.0
65°	4.9	3.0	2.3	1.5	0.8	0.8	0.4	0.4	0.4	0.4	0.0
66°	4.5	3.0	1.9	1.1	0.8	0.8	0.4	0.4	0.4	0.4	0.0
67.5°	4.1	2.6	1.9	1.1	0.8	0.8	0.4	0.4	0.4	0.4	0.4
70°	3.8	2.3	1.5	1.1	0.8	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	3.4	1.9	1.1	1.1	0.8	0.8	0.4	0.4	0.4	0.4	0.4
75°	2.3	1.1	1.1	0.8	0.8	0.8	0.4	0.8	0.8	0.8	0.8
77.5°	1.5	1.1	0.8	0.8	0.8	0.8	0.4	0.8	0.8	0.8	0.8
80°	1.5	1.1	1.1	1.1	1.1	1.1	0.4	1.1	1.1	1.1	0.8
82.5°	1.1	1.1	1.1	1.1	1.5	1.5	0.4	1.5	1.5	1.1	1.1
85°	1.1	1.1	1.1	1.5	1.5	1.9	0.4	1.5	1.5	1.5	1.5
87.5°	1.1	1.5	1.5	1.5	1.9	1.9	0.8	1.9	1.9	1.9	1.5
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):

	160°	165°	170°	175°	180°
0°	13.9	13.9	13.9	13.9	13.9
2.5°	9.0	9.4	9.4	9.8	9.8
5°	7.5	7.5	6.8	6.8	6.4
7.5°	3.8	3.8	4.1	4.1	4.1
10°	5.3	5.7	5.7	5.7	6.0
12.5°	4.5	4.9	5.3	5.3	5.3
15°	5.3	5.7	6.0	6.0	6.0
17.5°	4.9	4.9	5.3	5.3	5.7
20°	5.7	5.7	5.7	5.7	5.7
22.5°	4.9	4.9	5.7	6.0	6.0
25°	5.7	5.3	5.3	5.7	5.3
27.5°	4.9	5.3	5.7	5.7	5.7
30°	4.9	4.9	4.9	4.9	5.3
32.5°	4.9	4.9	4.9	4.9	4.9
35°	4.1	4.5	4.5	4.9	4.9
37.5°	3.8	3.8	4.1	4.1	4.1
40°	3.0	3.0	3.0	3.4	3.4
42.5°	2.3	2.3	2.3	2.6	2.3
45°	1.5	1.5	1.5	1.5	1.5
47.5°	0.8	0.8	1.1	1.1	1.1
50°	0.4	0.4	0.8	0.8	0.8
52.5°	0.4	0.4	0.4	0.8	0.8
55°	0.4	0.4	0.4	0.4	0.8
57.5°	0.0	0.4	0.4	0.4	0.4
60°	0.0	0.4	0.4	0.4	0.4
62.5°	0.0	0.4	0.4	0.4	0.4
65°	0.4	0.4	0.4	0.4	0.4
66°	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.8
72.5°	0.4	0.4	0.8	0.4	0.8
75°	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8
80°	0.8	1.1	1.1	0.8	0.8
82.5°	1.1	1.1	1.1	1.1	0.8
85°	1.1	1.1	1.5	1.5	0.8
87.5°	1.5	1.5	1.5	1.5	0.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)