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: STREETWORKS

Report Number: P946015

Luminaire Tested: **GLAN-SB1D-750-U-SLL-HSS**

Issue Date: 1/21/2025

Report Generated By 670246001

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

Test Information

Test Method:	LM-79-08
Report Number:	P946015
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)
Test Lab:	INNOVATION CENTER
Issue Date:	1/21/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1D-750-U-SLL-HSS
Description:	GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE (1) 70 CRI, 5000K, 900mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8219 lumens
Efficiency:	N/A
Efficacy:	103.3 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):	79.6
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:	24 FT

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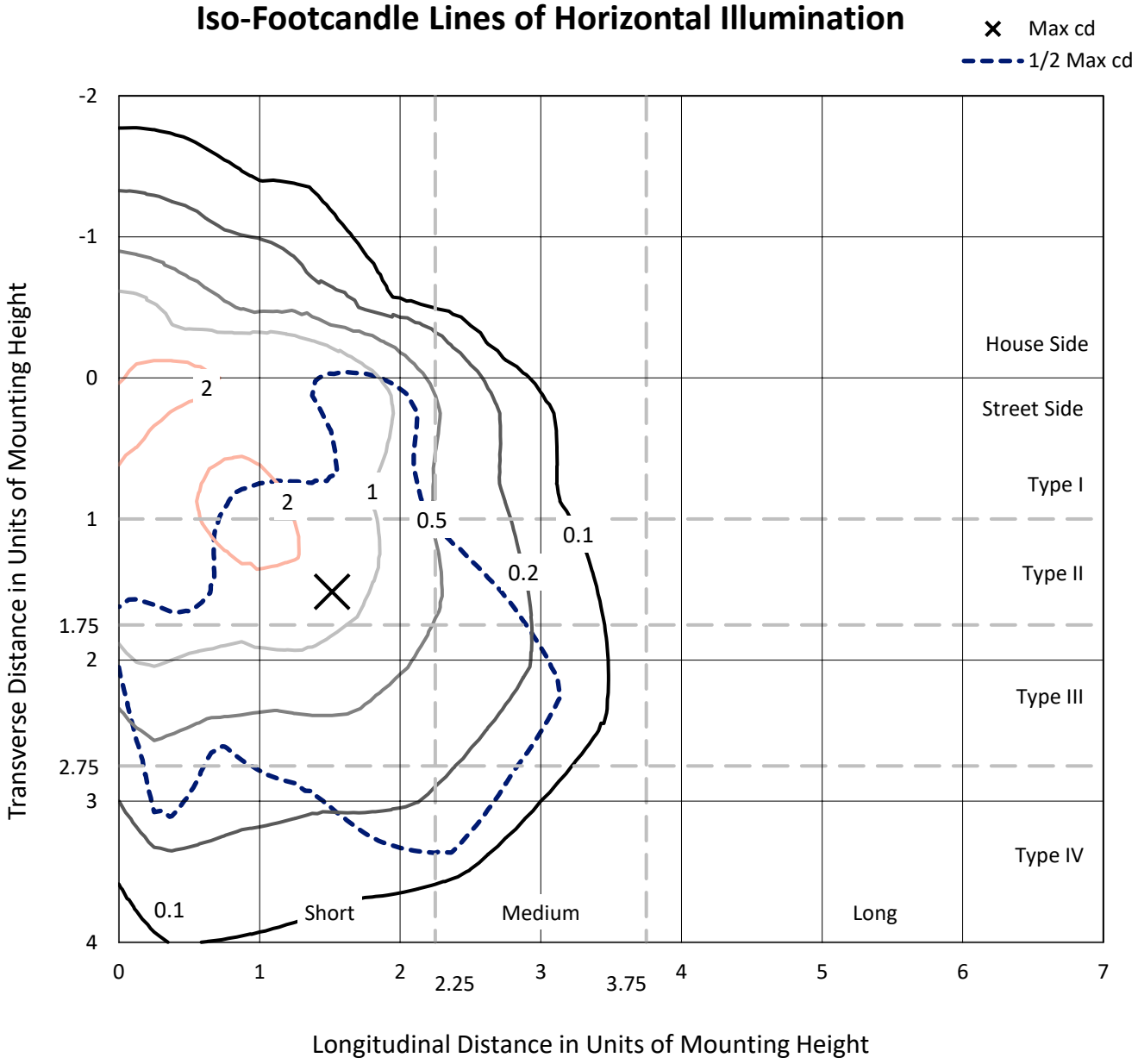
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 3 fc
Type IV - Short - N/A

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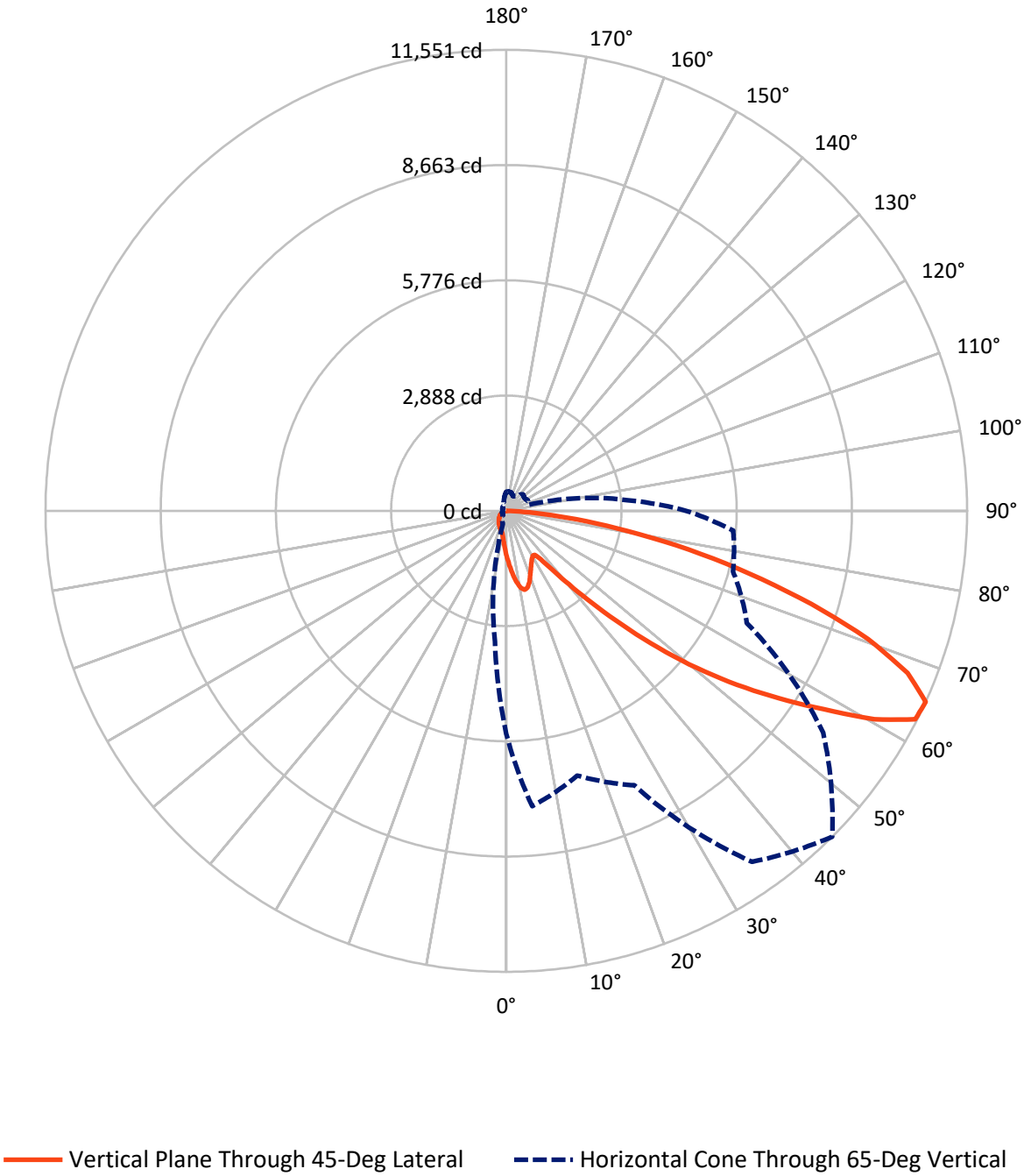
Luminous Intensity Polar Plot



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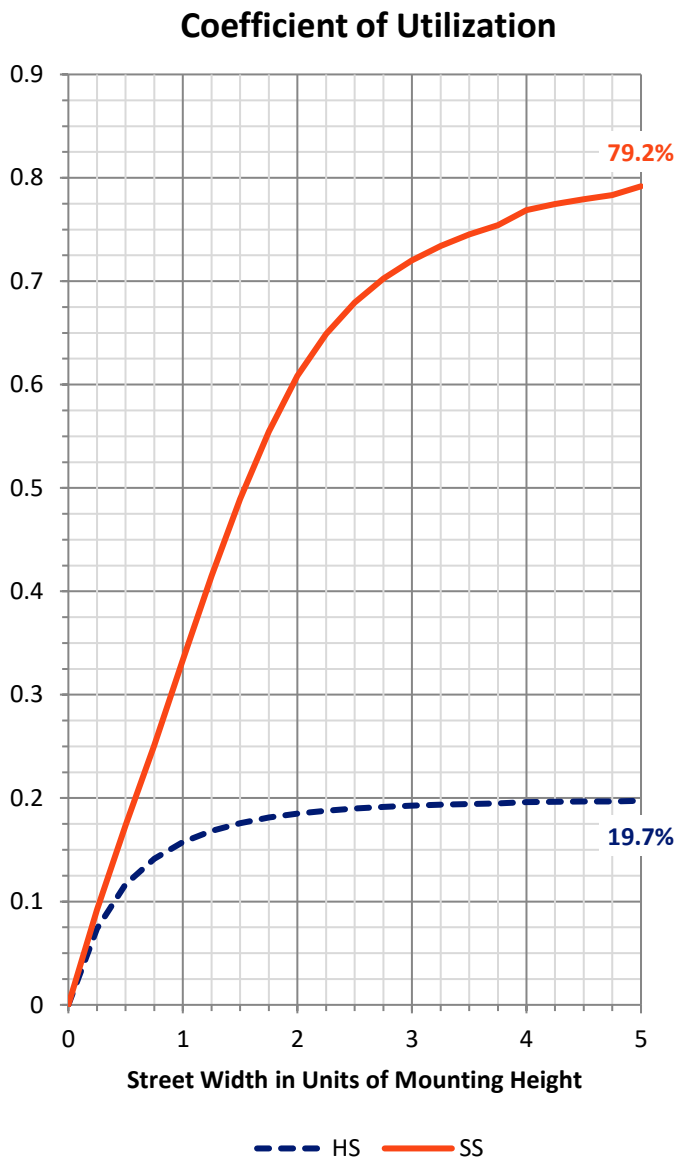
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1633.7	0.0	1633.7
	% Fixture	19.9	0.0	19.9
Street Side	Lumens	6585.3	0.0	6585.3
	% Fixture	80.1	0.0	80.1
Total	Lumens	8219.0	0.0	8219.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.0	1.4
10°-20°	335.9	4.1
20°-30°	494.8	6.0
30°-40°	635.7	7.7
40°-50°	1028.1	12.5
50°-60°	1802.9	21.9
60°-70°	2256.0	27.4
70°-80°	1318.3	16.0
80°-90°	235.2	2.9
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°	8219.0	100.0
0°-180°	8219.0	100.0



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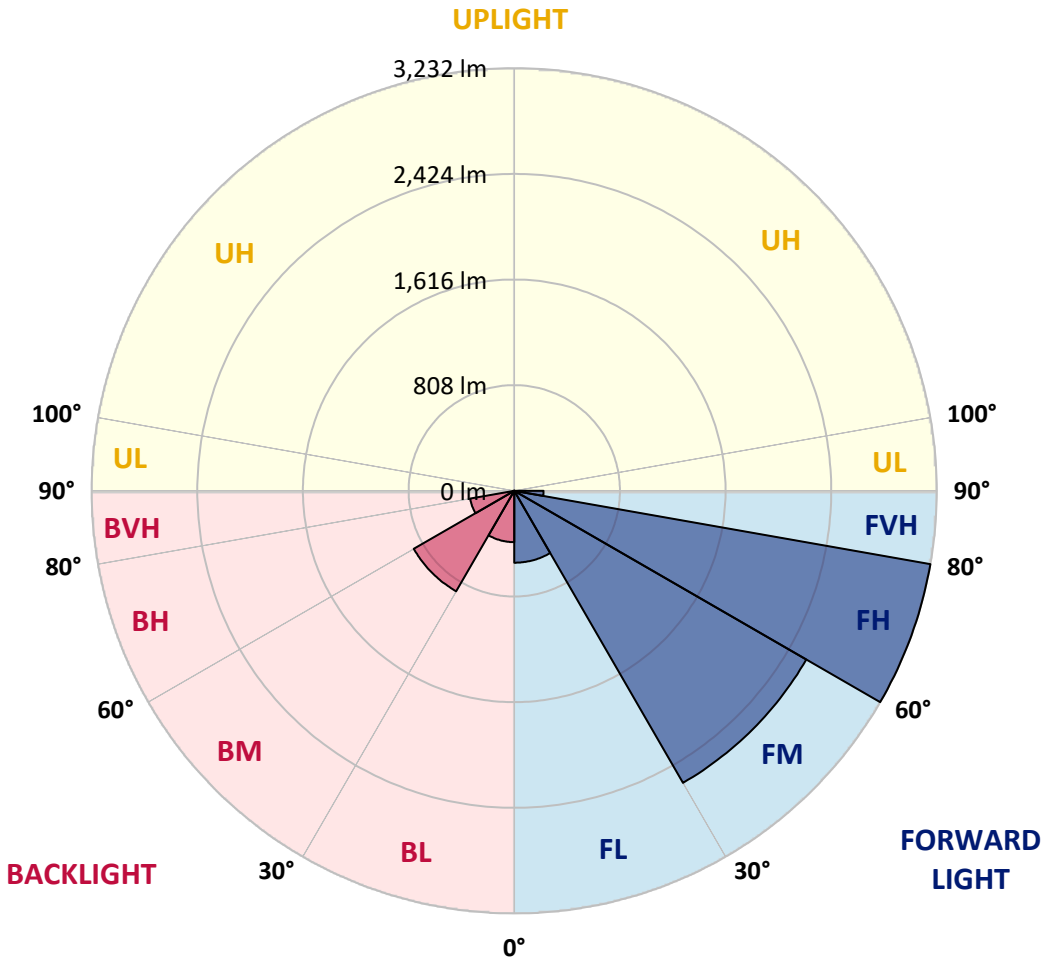
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	549.9	6.7			
FM	(30°-60°)	2579.2	31.4			
FH	(60°-80°)	3232.0	39.3			G2/5000
FVH	(80°-90°)	224.2	2.7			G2/225
BL	(0°-30°)	392.8	4.8	B1/500		
BM	(30°-60°)	887.6	10.8	B1/1000		
BH	(60°-80°)	342.3	4.2	B1/500		G1/500
BVH	(80°-90°)	11.0	0.1			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°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1138.1	1138.1	1138.1	1138.1	1138.1	*1138.1*	1138.1	1138.1	1138.1	1138.1
2.5°	1275.1	1284.7	1306.2	1317.6	1335.1	*1336.2*	1336.2	1321.0	1320.4	1289.2
5°	1425.1	1447.8	1498.7	1551.4	1562.7	*1565.6*	1559.9	1529.3	1506.7	1446.1
7.5°	1574.0	1617.6	1695.2	1765.4	1788.1	*1788.1*	1774.5	1724.7	1678.2	1590.5
10°	1697.5	1752.4	1857.7	1936.4	1962.5	*1956.8*	1929.1	1866.2	1802.2	1695.8
12.5°	1779.0	1840.7	1956.2	2019.6	2046.3	*2031.5*	1999.8	1938.7	1871.3	1759.2
15°	1819.8	1884.3	1984.5	2017.9	2010.6	*1995.3*	1991.3	1961.9	1910.9	1806.2
17.5°	1837.3	1897.3	1967.0	1946.0	1883.8	*1871.9*	1911.5	1948.9	1936.4	1847.0
20°	1853.7	1904.1	1925.1	1832.2	1723.5	*1712.8*	1788.6	1895.1	1949.4	1884.9
22.5°	1876.4	1907.5	1864.5	1712.2	1595.0	*1570.1*	1653.9	1814.1	1953.4	1933.0
25°	1907.5	1916.0	1797.7	1598.4	1480.6	*1455.7*	1533.8	1724.1	1946.6	1985.1
27.5°	1944.9	1927.4	1733.7	1503.3	1389.5	*1366.2*	1444.4	1637.5	1927.4	2037.2
30°	1993.6	1942.1	1670.3	1429.7	1324.3	*1307.4*	1382.7	1562.7	1903.6	2103.4
32.5°	2042.9	1948.3	1611.4	1386.6	1309.6	*1315.9*	1377.6	1522.5	1877.5	2166.9
35°	2096.1	1968.1	1582.5	1429.1	1432.5	*1486.8*	1512.3	1559.9	1873.6	2252.9
37.5°	2168.6	2012.3	1617.1	1640.3	1758.1	*1870.7*	1849.8	1742.8	1919.4	2381.5
40°	2272.7	2089.9	1767.7	1999.8	2241.6	*2424.5*	2344.6	2075.1	2059.8	2566.6
42.5°	2424.5	2213.3	2034.9	2439.2	2849.1	*3150.4*	2936.3	2503.8	2305.6	2831.0
45°	2648.7	2413.2	2358.2	2902.9	3598.2	*4072.7*	3627.7	2960.7	2649.8	3231.3
47.5°	2959.5	2707.0	2661.2	3391.6	4508.7	*5122.4*	4394.3	3384.2	3041.6	3777.1
50°	3372.3	3102.8	2948.2	3926.1	5506.9	*6192.6*	5160.4	3793.0	3490.6	4444.1
52.5°	3917.0	3654.8	3282.8	4435.1	6533.4	*7240.0*	5929.8	4152.0	4047.8	5218.1
55°	4659.9	4485.5	3740.3	4920.9	7559.4	*8293.7*	6669.3	4490.6	4783.9	6137.6
57.5°	5581.6	5706.2	4400.0	5484.2	8481.7	*9379.7*	7412.2	4963.9	5739.6	7165.9
60°	6176.1	7329.5	5663.2	6317.1	9529.8	*10607.8*	8430.2	5864.2	6744.0	7534.5
62.5°	6032.3	7845.9	7176.1	7380.5	10493.4	*11500.7*	9427.9	6768.4	6933.2	6991.5
65°	*5591.3*	*7429.2*	*6867.5*	*7587.1*	*10737.5*	*11551.1*	*9694.5*	*6651.8*	*5881.2*	*5707.9*
67.5°	4984.3	6934.9	6134.2	7039.0	10296.4	*10846.8*	9198.0	5884.0	4544.9	4283.3
70°	4329.2	6387.9	5653.0	6424.1	9455.6	*9619.2*	8353.8	5175.1	3342.9	2892.7
72.5°	3707.5	5818.3	5323.4	5794.0	8333.9	*7995.4*	7254.8	4548.3	2434.1	2086.5
75°	3071.7	4978.1	4854.1	5045.4	6859.0	*6297.9*	6027.8	3765.8	1910.4	1509.5
77.5°	2370.1	3889.8	4175.2	4040.4	4828.0	*4678.0*	4672.3	2829.9	1395.7	1007.3
80°	1622.2	2711.0	3261.9	2850.3	3133.4	*3056.9*	3519.0	1898.5	1012.4	606.4
82.5°	953.5	1650.5	2270.5	1379.8	1732.6	*1778.4*	2095.5	923.5	595.6	139.9
85°	386.7	651.7	887.8	540.2	835.7	*704.9*	795.5	259.3	165.9	3.4
87.5°	97.4	208.4	146.1	60.6	96.8	*88.9*	70.2	31.7	6.8	0.0
90°	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):

90°		95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
1138.1	0°	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1
1285.8	2.5°	1263.8	1250.7	1218.5	1186.2	1160.2	1125.0	1101.8	1074.1	1047.5	1023.7
1433.1	5°	1397.4	1354.4	1295.5	1241.7	1186.8	1133.5	1080.9	1025.4	974.4	943.3
1557.6	7.5°	1506.1	1430.2	1352.1	1283.6	1217.3	1155.1	1085.4	1018.0	938.2	895.7
1652.7	10°	1587.1	1487.4	1384.9	1306.2	1239.4	1178.8	1120.0	1052.0	955.8	902.5
1710.5	12.5°	1640.3	1522.0	1401.9	1311.9	1237.2	1190.2	1164.1	1137.5	1041.8	979.5
1753.0	15°	1677.1	1546.3	1413.8	1298.9	1207.1	1172.6	1198.7	1229.2	1168.1	1096.2
1797.1	17.5°	1717.3	1578.0	1418.9	1263.8	1148.8	1134.1	1201.5	1272.3	1269.4	1198.1
1839.0	20°	1759.8	1605.8	1415.5	1207.1	1078.1	1091.1	1177.1	1259.2	1293.8	1255.3
1887.2	22.5°	1803.4	1632.4	1402.5	1133.5	1011.8	1052.6	1138.6	1210.5	1251.3	1239.4
1946.0	25°	1858.3	1669.7	1383.2	1054.3	956.9	1013.5	1093.9	1152.2	1180.5	1180.0
2009.5	27.5°	1924.0	1719.6	1373.0	990.3	917.8	969.3	1040.7	1092.8	1112.6	1112.6
2088.2	30°	2000.4	1778.4	1361.7	948.4	895.2	923.5	979.0	1029.9	1049.7	1049.7
2174.2	32.5°	2085.3	1835.1	1334.5	922.9	878.2	878.7	913.9	960.3	984.1	987.5
2281.8	35°	2187.2	1895.6	1275.1	902.5	858.4	835.1	852.1	890.6	918.9	926.3
2435.2	37.5°	2320.9	1969.8	1190.2	872.5	827.8	789.3	793.3	822.7	853.8	865.2
2647.0	40°	2500.4	2057.0	1101.8	829.5	784.8	738.9	737.2	758.7	789.3	801.7
2933.5	42.5°	2737.6	2161.8	1017.5	788.2	732.7	685.7	682.8	699.8	726.4	739.5
3311.7	45°	3041.1	2290.3	945.0	755.9	681.7	635.3	634.1	648.3	671.5	685.1
3795.8	47.5°	3462.9	2418.8	895.7	738.9	641.5	593.9	596.2	608.7	629.6	639.2
4422.6	50°	4012.7	2457.9	870.8	738.9	620.0	557.1	568.5	578.7	594.5	600.2
5174.0	52.5°	4540.4	2328.8	848.2	743.4	622.8	526.0	550.3	557.7	571.3	573.6
5870.4	55°	4799.1	2002.1	817.0	744.6	640.4	499.4	535.6	549.2	554.3	553.7
6274.7	57.5°	4710.2	1618.8	764.4	740.0	652.3	482.4	517.5	543.6	547.0	541.9
6197.7	60°	4398.3	1191.9	724.2	706.6	647.7	477.3	489.8	531.1	536.2	529.4
5604.3	62.5°	3875.1	827.2	693.0	633.0	627.9	475.6	446.2	503.9	516.4	506.8
4504.7	65°	*3050.7*	*584.3*	*596.8*	*554.9*	*584.9*	*466.6*	*400.9*	*471.1*	*488.1*	*473.3*
3268.1	67.5°	2064.4	421.8	483.5	502.8	515.2	446.2	368.0	433.7	456.4	437.1
2097.2	70°	1114.9	296.1	319.3	423.5	437.7	411.1	338.6	395.8	421.8	400.9
1490.8	72.5°	658.5	212.9	223.7	340.3	364.6	361.8	305.7	351.6	383.3	358.4
1028.8	75°	362.9	143.8	159.7	246.9	296.1	279.1	262.7	297.8	330.1	305.7
644.9	77.5°	162.5	86.1	111.0	161.9	232.7	191.4	203.3	232.1	262.2	236.7
359.0	80°	62.8	48.1	73.6	88.3	169.3	105.9	130.8	171.0	192.5	172.1
78.1	82.5°	7.9	21.5	31.7	34.5	98.5	56.1	75.9	107.6	105.9	91.7
0.0	85°	0.0	4.0	4.5	2.3	42.5	20.4	24.9	35.1	32.8	24.9
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	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

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CANDELA DISTRIBUTION (continued):

185°		195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
1138.1	0°	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1
1019.2	2.5°	991.4	971.0	960.8	952.4	960.3	964.8	964.8	984.1	995.4	999.9
923.5	5°	873.7	835.7	810.2	794.9	800.0	805.7	811.9	836.3	852.7	863.5
857.2	7.5°	780.8	723.0	687.4	668.7	671.5	675.5	680.6	704.4	720.8	734.9
844.8	10°	734.9	653.4	606.4	583.8	579.8	577.5	575.8	590.0	602.4	613.8
895.7	12.5°	737.2	623.4	566.2	538.5	526.6	513.0	502.2	504.5	512.4	526.6
986.9	15°	766.1	613.8	545.3	510.7	490.9	475.0	462.0	459.2	462.0	464.3
1091.1	17.5°	805.1	612.6	527.1	484.1	463.7	450.7	438.8	434.8	435.4	438.2
1160.2	20°	836.3	609.2	506.8	458.6	440.5	429.2	417.3	413.3	414.5	415.0
1166.9	22.5°	852.7	604.1	484.1	433.1	417.9	406.5	395.8	395.2	395.2	398.6
1130.1	25°	852.7	593.4	463.7	408.8	395.2	385.0	372.0	374.3	375.4	379.9
1073.0	27.5°	832.3	573.0	447.3	387.8	373.7	363.5	351.6	354.4	356.1	361.2
1016.3	30°	806.3	548.7	428.6	368.0	351.6	344.3	334.1	335.2	337.5	343.1
963.7	32.5°	778.5	519.8	413.3	348.2	331.8	326.1	314.8	316.5	318.8	325.0
911.6	35°	748.0	485.8	395.2	330.1	313.7	309.1	296.1	297.3	300.7	307.4
855.5	37.5°	715.7	458.1	377.1	312.5	295.6	291.0	277.4	278.6	282.5	290.5
796.6	40°	684.0	430.9	357.8	293.9	276.9	272.9	258.2	259.3	263.9	272.3
737.2	42.5°	649.4	409.9	332.9	274.6	256.5	252.5	238.9	240.6	245.7	254.2
682.3	45°	608.1	396.3	305.2	256.5	236.1	232.1	219.7	223.1	228.7	237.2
635.3	47.5°	565.6	390.7	282.0	237.2	215.2	211.8	201.6	207.2	213.5	220.3
595.1	50°	524.9	383.3	258.2	219.1	197.0	193.6	186.8	194.2	200.4	206.7
566.2	52.5°	478.4	367.5	236.7	203.3	181.8	180.6	177.2	184.0	189.7	195.3
541.3	55°	430.3	342.0	218.0	189.1	168.7	169.9	168.2	173.8	178.4	183.4
518.6	57.5°	388.4	309.7	203.3	173.8	157.4	160.8	158.5	161.4	164.2	170.4
491.5	60°	346.0	271.2	186.8	155.7	146.1	150.0	143.8	143.2	144.4	146.1
451.3	62.5°	288.8	231.0	166.5	139.9	133.6	135.3	123.4	114.4	114.4	116.1
395.2	65°	*232.1*	*193.6*	*143.8*	*121.7*	*116.6*	*115.5*	*98.5*	*86.1*	*84.9*	*90.0*
330.1	67.5°	190.8	160.8	121.2	101.4	98.0	99.1	86.6	74.2	73.0	78.7
268.9	70°	158.0	129.7	96.8	78.1	81.5	86.6	74.2	62.3	60.6	65.7
218.6	72.5°	125.7	101.4	74.2	57.8	67.4	73.6	60.6	49.3	48.1	52.7
168.7	75°	92.3	72.5	50.4	41.9	52.1	57.8	44.2	35.1	33.4	37.4
112.7	77.5°	57.2	40.8	31.7	24.9	35.7	38.5	23.2	20.4	19.8	22.6
68.5	80°	26.6	17.6	15.3	8.5	13.0	15.3	9.6	10.8	11.3	13.6
34.5	82.5°	7.4	2.8	0.6	0.0	0.0	4.5	2.3	4.5	5.7	8.5
2.8	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.8	5.1
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
0.0	90°	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):

285°		295°	305°	315°	325°	335°	345°	355°	360°
1138.1	0°	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1	1138.1
1031.6	2.5°	1055.4	1078.1	1114.3	1151.7	1188.5	1225.8	1262.1	1275.1
912.7	5°	957.4	1009.5	1081.4	1158.5	1237.7	1318.1	1391.7	1425.1
789.9	7.5°	848.2	922.9	1031.1	1151.7	1277.9	1404.2	1520.3	1574.0
668.1	10°	731.5	826.1	949.5	1112.6	1293.8	1468.2	1627.8	1697.5
561.1	12.5°	620.6	719.6	856.1	1051.4	1281.3	1505.0	1696.9	1779.0
485.8	15°	527.7	615.5	762.7	979.0	1241.1	1507.2	1729.8	1819.8
443.9	17.5°	458.1	515.2	667.6	898.6	1188.5	1486.3	1741.1	1837.3
421.3	20°	423.5	439.4	544.1	795.5	1139.2	1466.5	1752.4	1853.7
403.1	22.5°	403.1	407.1	445.0	662.5	1080.3	1460.2	1772.2	1876.4
386.7	25°	386.7	387.8	398.0	524.9	990.3	1456.3	1802.8	1907.5
369.7	27.5°	370.3	370.3	376.0	423.0	868.0	1439.3	1842.4	1944.9
352.7	30°	353.9	353.9	357.8	374.3	724.7	1405.9	1890.0	1993.6
335.8	32.5°	336.9	336.9	340.3	352.2	578.7	1364.0	1933.6	2042.9
318.2	35°	319.9	318.8	323.3	335.8	460.3	1310.8	1977.2	2096.1
300.7	37.5°	301.8	301.2	305.7	319.9	397.5	1249.0	2010.0	2168.6
283.1	40°	282.5	282.5	287.6	302.9	379.4	1171.5	2062.1	2272.7
265.0	42.5°	265.0	263.9	269.5	288.2	365.8	1097.3	2155.5	2424.5
248.6	45°	248.0	245.7	250.8	274.0	342.0	1071.3	2329.9	2648.7
232.7	47.5°	232.1	226.5	231.0	257.1	320.5	1168.6	2615.3	2959.5
218.6	50°	219.1	208.4	212.3	240.1	304.1	1379.8	2985.6	3372.3
205.5	52.5°	205.5	191.4	193.6	219.1	289.3	1580.8	3387.0	3917.0
192.5	55°	191.4	175.5	176.7	198.2	268.4	1610.8	3778.8	4659.9
177.8	57.5°	175.5	160.8	160.8	178.9	253.1	1396.3	4080.1	5581.6
159.7	60°	158.0	148.3	145.5	163.6	266.7	985.2	4115.2	6176.1
136.5	62.5°	138.7	133.6	129.7	148.9	276.9	583.8	3832.6	6032.3
107.6	65°	*116.6*	*115.5*	*112.7*	*163.6*	*233.3*	*344.8*	*3290.2*	*5591.3*
91.7	67.5°	98.0	96.3	96.3	171.6	177.2	216.9	2570.6	4984.3
78.1	70°	84.4	78.1	78.1	129.7	107.6	150.0	1794.9	4329.2
64.5	72.5°	70.8	64.0	59.5	103.6	80.4	109.8	1121.6	3707.5
49.3	75°	56.6	51.5	45.9	68.5	60.0	83.2	651.7	3071.7
31.1	77.5°	40.8	38.5	32.3	50.4	43.6	60.0	387.8	2370.1
19.3	80°	20.9	21.5	20.4	28.9	29.4	40.8	220.8	1622.2
12.5	82.5°	12.5	9.6	10.8	14.2	17.0	23.2	83.2	953.5
9.1	85°	7.9	5.1	5.1	6.8	8.5	9.1	25.5	386.7
4.5	87.5°	4.0	1.7	2.3	3.4	2.8	2.3	1.1	97.4
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)