

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: P946983

Luminaire Tested: **GLAN-SB2C-722-U-SLR-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946983
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-SB2C-722-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9442 lumens
Efficiency: N/A
Efficacy: 93.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G3

Input Watts (W): 100.9
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: 24 FT

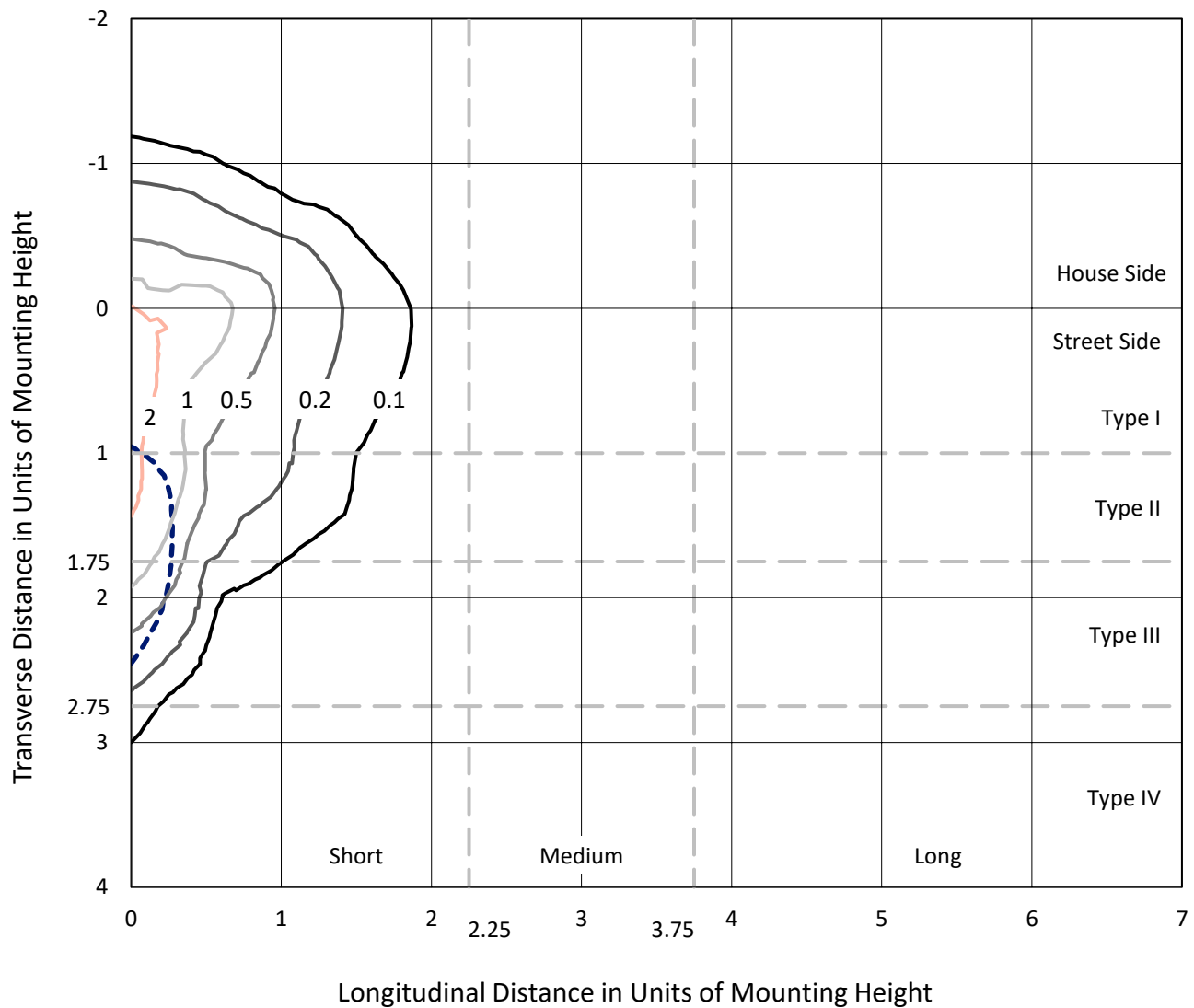


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Iso-Footcandle Lines of Horizontal Illumination

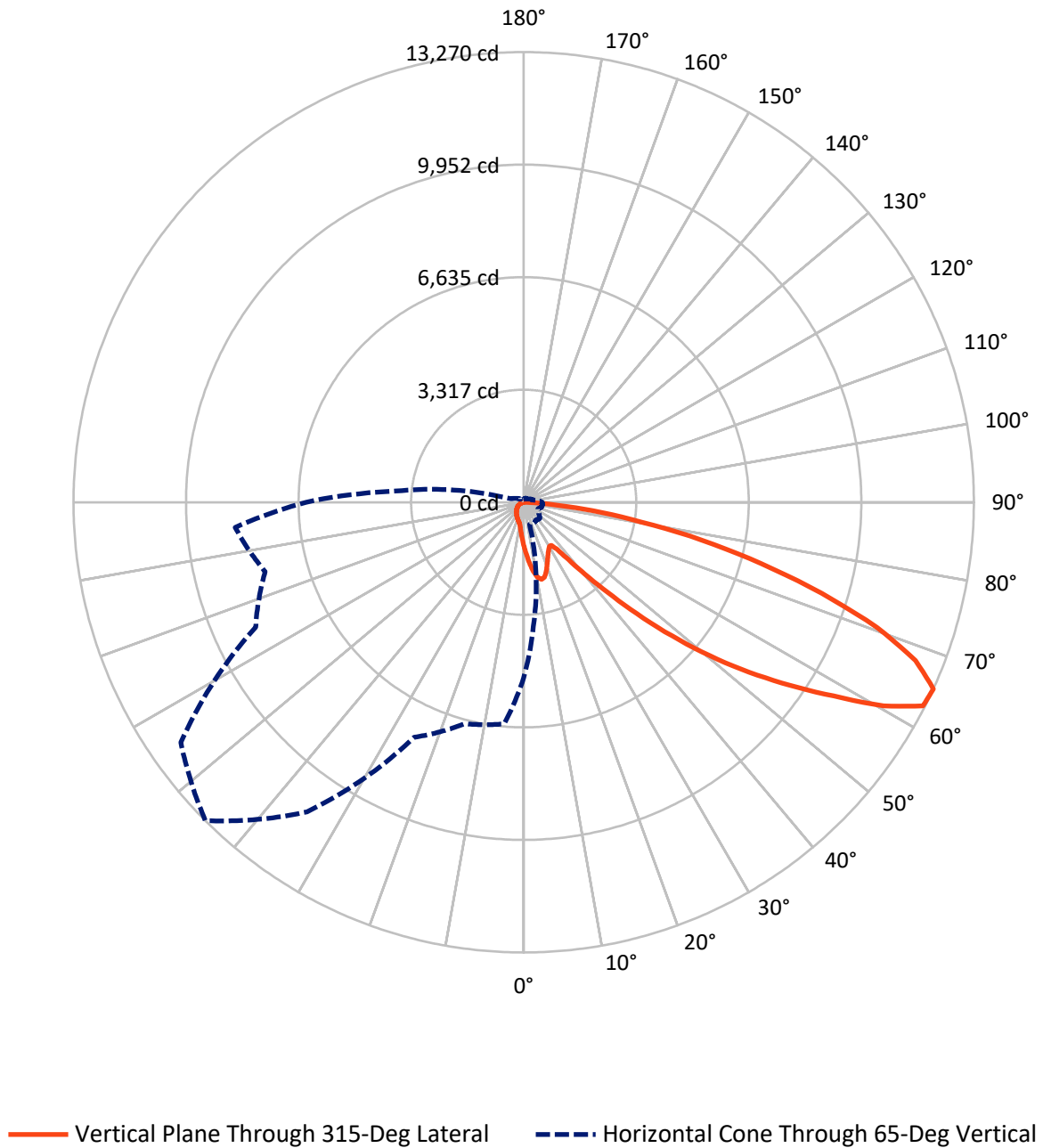
× Max cd
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.9 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	1322.3	0.0	1322.3
	% Fixture	14.0	0.0	14.0
Street Side	Lumens	8119.7	0.0	8119.7
	% Fixture	86.0	0.0	86.0
Total	Lumens	9442.0	0.0	9442.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.7	1.4
10°-20°	385.9	4.1
20°-30°	568.5	6.0
30°-40°	730.3	7.7
40°-50°	1181.1	12.5
50°-60°	2071.2	21.9
60°-70°	2591.7	27.4
70°-80°	1514.4	16.0
80°-90°	270.2	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°	9442.0	100.0
0°-180°	9442.0	100.0

Coefficient of Utilization



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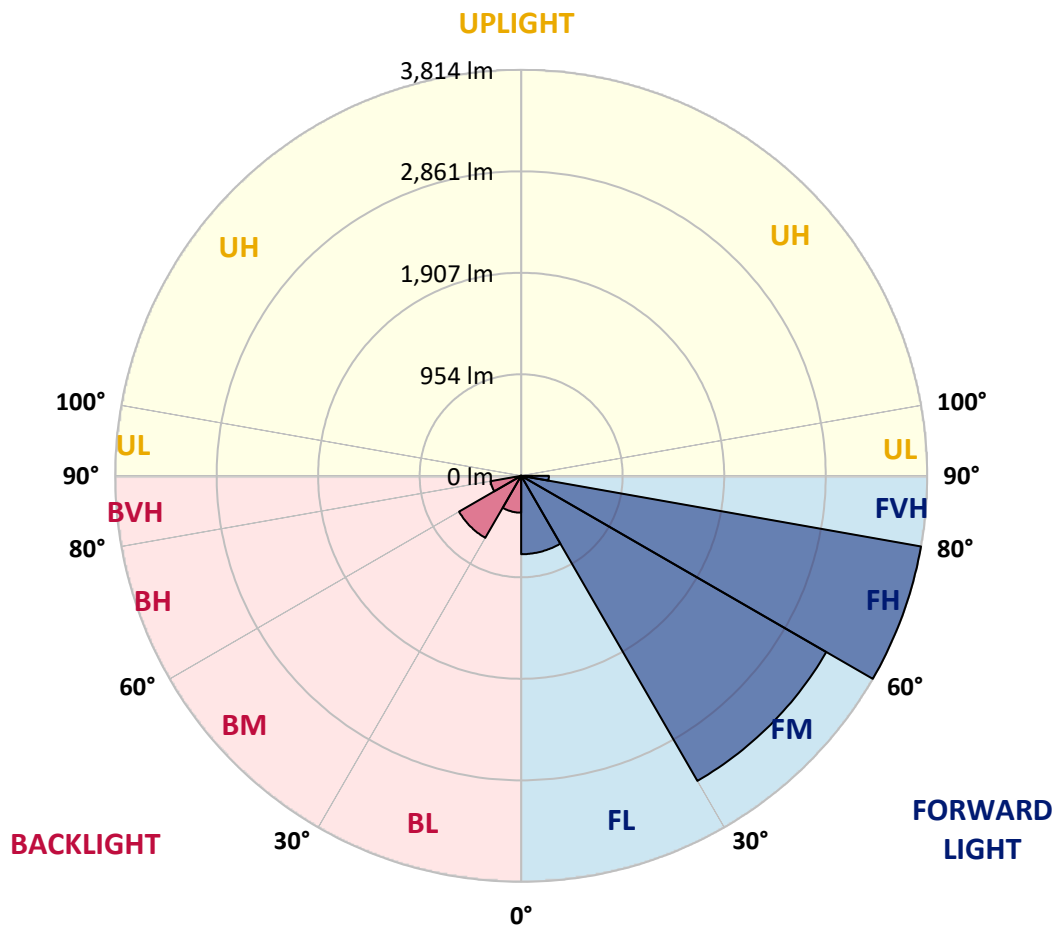
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	736.4	7.8			
FM	(30°-60°)	3309.3	35.0			
FH	(60°-80°)	3814.1	40.4			G2/5000
FVH	(80°-90°)	259.8	2.8			G3/500
BL	(0°-30°)	346.6	3.7	B1/500		
BM	(30°-60°)	673.3	7.1	B1/1000		
BH	(60°-80°)	292.0	3.1	B1/500		G1/500
BVH	(80°-90°)	10.4	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4
2.5°	1477.2	1451.8	1436.9	1399.8	1362.7	1332.8	1292.5	1265.8	1233.9	1203.3
5°	1646.3	1605.3	1555.9	1488.2	1426.4	1363.4	1302.2	1241.7	1178.0	1119.4
7.5°	1789.4	1730.2	1643.0	1553.3	1474.6	1398.5	1326.9	1246.9	1169.5	1077.8
10°	1898.7	1823.2	1708.7	1591.0	1500.6	1423.8	1354.2	1286.6	1208.5	1098.0
12.5°	1965.0	1884.4	1748.4	1610.5	1507.1	1421.2	1367.3	1337.3	1306.8	1196.8
15°	2013.8	1926.6	1776.4	1624.2	1492.1	1386.8	1347.1	1377.0	1412.1	1341.9
17.5°	2064.5	1972.8	1812.8	1630.0	1451.8	1319.8	1302.9	1380.3	1461.6	1458.3
20°	2112.7	2021.6	1844.7	1626.1	1386.8	1238.5	1253.4	1352.3	1446.6	1486.3
22.5°	2168.0	2071.7	1875.3	1611.2	1302.2	1162.4	1209.2	1308.1	1390.7	1437.5
25°	2235.6	2134.8	1918.2	1589.1	1211.1	1099.3	1164.3	1256.7	1323.7	1356.2
27.5°	2308.5	2210.2	1975.4	1577.4	1137.6	1054.4	1113.6	1195.5	1255.4	1278.1
30°	2398.9	2298.1	2043.1	1564.3	1089.5	1028.4	1060.9	1124.6	1183.2	1205.9
32.5°	2497.7	2395.6	2108.1	1533.1	1060.2	1008.9	1009.5	1049.8	1103.2	1130.5
35°	2621.3	2512.7	2177.7	1464.8	1036.8	986.1	959.4	978.9	1023.2	1055.7
37.5°	2797.6	2666.2	2262.9	1367.3	1002.4	951.0	906.7	911.3	945.1	980.9
40°	3040.9	2872.4	2363.1	1265.8	952.9	901.5	848.8	846.9	871.6	906.7
42.5°	3370.0	3145.0	2483.4	1168.9	905.4	841.7	787.7	784.4	804.0	834.5
45°	3804.5	3493.6	2631.1	1085.6	868.4	783.1	729.8	728.5	744.8	771.4
47.5°	4360.7	3978.2	2778.7	1029.0	848.8	737.0	682.3	684.9	699.2	723.3
50°	5080.7	4609.8	2823.6	1000.4	848.8	712.2	640.0	653.1	664.8	683.0
52.5°	5943.9	5216.0	2675.3	974.4	854.0	715.5	604.3	632.2	640.7	656.3
55°	6743.9	5513.3	2300.0	938.6	855.3	735.7	573.7	615.3	630.9	636.8
57.5°	7208.3	5411.1	1859.7	878.1	850.1	749.3	554.2	594.5	624.4	628.3
60°	7119.9	5052.7	1369.2	831.9	811.8	744.1	548.3	562.6	610.1	616.0
62.5°	6438.2	4451.7	950.3	796.2	727.2	721.4	546.4	512.6	578.9	593.2
65°	5175.0	3504.7	671.3	685.6	637.4	671.9	536.0	460.5	541.2	560.7
67.5°	3754.4	2371.6	484.6	555.5	577.6	591.9	512.6	422.8	498.2	524.3
70°	2409.3	1280.7	340.2	366.9	486.5	502.8	472.2	389.0	454.7	484.6
72.5°	1712.6	756.5	244.6	256.9	390.9	418.9	415.6	351.2	403.9	440.4
75°	1181.9	416.9	165.2	183.4	283.6	340.2	320.7	301.8	342.1	379.2
77.5°	740.9	186.7	98.9	127.5	186.0	267.3	219.9	233.5	266.7	301.2
80°	412.4	72.2	55.3	84.6	101.5	194.5	121.6	150.3	196.4	221.2
82.5°	89.8	9.1	24.7	36.4	39.7	113.2	64.4	87.2	123.6	121.6
85°	0.0	0.0	4.6	5.2	2.6	48.8	23.4	28.6	40.3	37.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
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°
1307.4	0°	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4
1176.0	2.5°	1170.8	1138.9	1115.5	1103.8	1094.1	1103.2	1108.4	1108.4	1130.5	1143.5
1083.7	5°	1060.9	1003.7	960.1	930.8	913.2	919.1	925.6	932.8	960.7	979.6
1029.0	7.5°	984.8	897.0	830.6	789.7	768.2	771.4	776.0	781.8	809.2	828.0
1036.8	10°	970.5	844.3	750.6	696.6	670.6	666.1	663.5	661.5	677.8	692.1
1125.3	12.5°	1029.0	846.9	716.2	650.5	618.6	604.9	589.3	577.0	579.6	588.7
1259.3	15°	1133.7	880.1	705.1	626.4	586.7	563.9	545.7	530.8	527.5	530.8
1376.4	17.5°	1253.4	924.9	703.8	605.6	556.1	532.7	517.8	504.1	499.5	500.2
1442.1	20°	1332.8	960.7	699.9	582.2	526.9	506.1	493.0	479.4	474.8	476.1
1423.8	22.5°	1340.6	979.6	694.0	556.1	497.6	480.0	467.0	454.7	454.0	454.0
1355.5	25°	1298.3	979.6	681.7	532.7	469.6	454.0	442.3	427.3	430.0	431.3
1278.1	27.5°	1232.6	956.2	658.3	513.9	445.6	429.3	417.6	403.9	407.2	409.1
1205.9	30°	1167.6	926.2	630.3	492.4	422.8	403.9	395.5	383.8	385.1	387.7
1134.4	32.5°	1107.1	894.4	597.1	474.8	400.0	381.2	374.7	361.7	363.6	366.2
1064.1	35°	1047.2	859.3	558.1	454.0	379.2	360.4	355.1	340.2	341.5	345.4
993.9	37.5°	982.8	822.2	526.2	433.2	359.1	339.5	334.3	318.7	320.0	324.6
921.0	40°	915.2	785.7	495.0	411.1	337.6	318.1	313.5	296.6	297.9	303.1
849.5	42.5°	846.9	746.1	470.9	382.5	315.5	294.7	290.1	274.5	276.4	282.3
787.1	45°	783.8	698.6	455.3	350.6	294.7	271.2	266.7	252.4	256.3	262.8
734.4	47.5°	729.8	649.8	448.8	323.9	272.5	247.2	243.3	231.6	238.1	245.2
689.5	50°	683.6	603.0	440.4	296.6	251.7	226.4	222.5	214.7	223.1	230.3
658.9	52.5°	650.5	549.6	422.1	271.9	233.5	208.8	207.5	203.6	211.4	217.9
636.1	55°	621.8	494.3	392.9	250.4	217.3	193.8	195.1	193.2	199.7	204.9
622.5	57.5°	595.8	446.2	355.8	233.5	199.7	180.8	184.7	182.1	185.4	188.6
608.2	60°	564.6	397.4	311.6	214.7	178.9	167.8	172.4	165.2	164.6	165.9
582.2	62.5°	518.4	331.7	265.4	191.2	160.7	153.5	155.5	141.8	131.4	131.4
543.8	65°	454.0	266.7	222.5	165.2	139.8	134.0	132.7	113.2	98.9	97.6
502.2	67.5°	379.2	219.2	184.7	139.2	116.4	112.5	113.8	99.5	85.2	83.9
460.5	70°	309.0	181.5	149.0	111.2	89.8	93.7	99.5	85.2	71.6	69.6
411.7	72.5°	251.1	144.4	116.4	85.2	66.3	77.4	84.6	69.6	56.6	55.3
351.2	75°	193.8	106.0	83.3	57.9	48.1	59.8	66.3	50.7	40.3	38.4
271.9	77.5°	129.4	65.7	46.8	36.4	28.6	41.0	44.2	26.7	23.4	22.8
197.7	80°	78.7	30.6	20.2	17.6	9.8	15.0	17.6	11.1	12.4	13.0
105.4	82.5°	39.7	8.5	3.3	0.7	0.0	0.0	5.2	2.6	5.2	6.5
28.6	85°	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.3
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

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CANDELA DISTRIBUTION (continued):

185°		195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
1307.4	0°	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4
1148.7	2.5°	1185.1	1212.4	1238.5	1280.1	1323.0	1365.3	1408.2	1449.9	1464.8	1475.9
991.9	5°	1048.5	1099.9	1159.8	1242.4	1330.8	1421.9	1514.3	1598.8	1637.2	1663.2
844.3	7.5°	907.4	974.4	1060.2	1184.5	1323.0	1468.1	1613.1	1746.5	1808.3	1858.4
705.1	10°	767.5	840.4	949.0	1090.8	1278.1	1486.3	1686.6	1870.1	1950.1	2013.2
604.9	12.5°	644.6	712.9	826.7	983.5	1207.9	1472.0	1728.9	1949.4	2043.7	2114.6
533.4	15°	558.1	606.2	707.0	876.2	1124.6	1425.8	1731.5	1987.1	2090.6	2164.7
503.5	17.5°	510.0	526.2	591.9	766.9	1032.3	1365.3	1707.4	2000.1	2110.7	2179.7
476.8	20°	483.9	486.5	504.8	625.1	913.9	1308.7	1684.7	2013.2	2129.6	2187.5
457.9	22.5°	463.1	463.1	467.7	511.3	761.0	1241.1	1677.5	2035.9	2155.6	2191.4
436.5	25°	444.3	444.3	445.6	457.3	603.0	1137.6	1673.0	2071.0	2191.4	2201.1
415.0	27.5°	424.7	425.4	425.4	431.9	485.9	997.1	1653.5	2116.6	2234.3	2214.1
394.2	30°	405.2	406.5	406.5	411.1	430.0	832.6	1615.1	2171.2	2290.3	2231.1
373.4	32.5°	385.7	387.0	387.0	390.9	404.6	664.8	1566.9	2221.3	2346.8	2238.2
353.2	35°	365.6	367.5	366.2	371.4	385.7	528.8	1505.8	2271.4	2408.0	2261.0
333.7	37.5°	345.4	346.7	346.0	351.2	367.5	456.6	1434.9	2309.1	2491.2	2311.7
312.9	40°	325.2	324.6	324.6	330.4	348.0	435.8	1345.8	2369.0	2610.9	2400.8
292.1	42.5°	304.4	304.4	303.1	309.6	331.1	420.2	1260.6	2476.3	2785.2	2542.6
272.5	45°	285.5	284.9	282.3	288.2	314.8	392.9	1230.7	2676.6	3042.8	2772.2
253.0	47.5°	267.3	266.7	260.2	265.4	295.3	368.2	1342.5	3004.5	3399.9	3109.8
237.4	50°	251.1	251.7	239.4	243.9	275.8	349.3	1585.2	3429.9	3874.1	3564.5
224.4	52.5°	236.1	236.1	219.9	222.5	251.7	332.4	1816.1	3891.0	4499.8	4198.7
210.7	55°	221.2	219.9	201.6	202.9	227.7	308.3	1850.5	4341.1	5353.2	5152.9
195.8	57.5°	204.2	201.6	184.7	184.7	205.5	290.8	1604.0	4687.2	6412.2	6555.3
167.8	60°	183.4	181.5	170.4	167.2	188.0	306.4	1131.8	4727.5	7095.2	8420.1
133.3	62.5°	156.8	159.4	153.5	149.0	171.1	318.1	670.6	4402.9	6929.9	9013.4
103.4	65°	123.6	134.0	132.7	129.4	188.0	268.0	396.1	3779.8	6423.2	8534.6
90.4	67.5°	105.4	112.5	110.6	110.6	197.1	203.6	249.1	2953.1	5726.0	7966.8
75.5	70°	89.8	96.9	89.8	89.8	149.0	123.6	172.4	2061.9	4973.4	7338.4
60.5	72.5°	74.2	81.3	73.5	68.3	119.0	92.4	126.2	1288.6	4259.2	6684.1
42.9	75°	56.6	65.0	59.2	52.7	78.7	68.9	95.6	748.7	3528.7	5718.8
26.0	77.5°	35.8	46.8	44.2	37.1	57.9	50.1	68.9	445.6	2722.8	4468.6
15.6	80°	22.1	24.1	24.7	23.4	33.2	33.8	46.8	253.7	1863.6	3114.4
9.8	82.5°	14.3	14.3	11.1	12.4	16.3	19.5	26.7	95.6	1095.4	1896.1
5.9	85°	10.4	9.1	5.9	5.9	7.8	9.8	10.4	29.3	444.3	748.7
2.6	87.5°	5.2	4.6	2.0	2.6	3.9	3.3	2.6	1.3	111.9	239.4
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°
1307.4	0°	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4	1307.4
1500.6	2.5°	1513.6	1533.8	1535.1	1535.1	1517.5	1516.9	1481.1	1477.2
1721.8	5°	1782.2	1795.3	1798.5	1792.0	1756.9	1730.9	1661.3	1646.3
1947.5	7.5°	2028.1	2054.1	2054.1	2038.5	1981.3	1927.9	1827.1	1789.4
2134.1	10°	2224.6	2254.5	2248.0	2216.1	2143.9	2070.4	1948.1	1898.7
2247.3	12.5°	2320.2	2350.7	2333.8	2297.4	2227.2	2149.8	2021.0	1965.0
2279.8	15°	2318.2	2309.8	2292.2	2287.7	2253.8	2195.3	2075.0	2013.8
2259.7	17.5°	2235.6	2164.1	2150.4	2195.9	2238.9	2224.6	2121.8	2064.5
2211.5	20°	2104.9	1980.0	1967.6	2054.8	2177.1	2239.5	2165.4	2112.7
2141.9	22.5°	1967.0	1832.3	1803.7	1900.0	2084.1	2244.1	2220.7	2168.0
2065.2	25°	1836.2	1700.9	1672.3	1762.1	1980.6	2236.3	2280.5	2235.6
1991.7	27.5°	1727.0	1596.2	1569.5	1659.3	1881.1	2214.1	2340.3	2308.5
1918.8	30°	1642.4	1521.4	1501.9	1588.4	1795.3	2186.8	2416.4	2398.9
1851.2	32.5°	1593.0	1504.5	1511.7	1582.6	1749.1	2156.9	2489.3	2497.7
1818.0	35°	1641.7	1645.7	1708.1	1737.4	1792.0	2152.4	2588.2	2621.3
1857.7	37.5°	1884.4	2019.7	2149.1	2125.0	2002.1	2205.0	2735.8	2797.6
2030.7	40°	2297.4	2575.2	2785.2	2693.5	2383.9	2366.4	2948.5	3040.9
2337.7	42.5°	2802.2	3273.1	3619.1	3373.3	2876.3	2648.7	3252.3	3370.0
2709.1	45°	3334.9	4133.6	4678.7	4167.5	3401.2	3044.1	3712.1	3804.5
3057.1	47.5°	3896.2	5179.6	5884.7	5048.2	3887.8	3494.2	4339.2	4360.7
3386.9	50°	4510.3	6326.3	7114.0	5928.2	4357.4	4010.1	5105.4	5080.7
3771.3	52.5°	5095.0	7505.6	8317.4	6812.2	4769.8	4650.1	5994.6	5943.9
4296.9	55°	5653.1	8684.2	9527.9	7661.7	5158.8	5495.7	7050.9	6743.9
5054.7	57.5°	6300.3	9743.8	10775.4	8515.1	5702.5	6593.7	8232.2	7208.3
6505.9	60°	7257.1	10947.8	12186.3	9684.6	6736.8	7747.6	8655.6	7119.9
8243.9	62.5°	8478.7	12054.9	13212.0	10830.7	7775.5	7964.8	8031.8	6438.2
7889.4	65°	8716.1	12335.2	13269.9	11137.1	7641.5	6756.3	6557.2	5175.0
7047.0	67.5°	8086.5	11828.5	12460.8	10566.6	6759.5	5221.2	4920.7	3754.4
6494.1	70°	7380.1	10862.6	11050.6	9596.8	5945.2	3840.3	3323.2	2409.3
6115.6	72.5°	6656.1	9574.0	9185.1	8334.3	5225.1	2796.3	2396.9	1712.6
5576.4	75°	5796.2	7879.6	7235.0	6924.7	4326.2	2194.6	1734.1	1181.9
4796.5	77.5°	4641.6	5546.4	5374.1	5367.6	3251.0	1603.4	1157.2	740.9
3747.3	80°	3274.4	3599.6	3511.8	4042.6	2181.0	1163.0	696.6	412.4
2608.3	82.5°	1585.2	1990.4	2043.1	2407.3	1060.9	684.3	160.7	89.8
1019.9	85°	620.5	960.1	809.8	913.9	297.9	190.6	3.9	0.0
167.8	87.5°	69.6	111.2	102.1	80.7	36.4	7.8	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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