

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: P945619

Luminaire Tested: **GALN-SB1C-735-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945619
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SB1C-735-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 70 CRI, 3500K, 615mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7465 lumens
Efficiency: N/A
Efficacy: 137.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

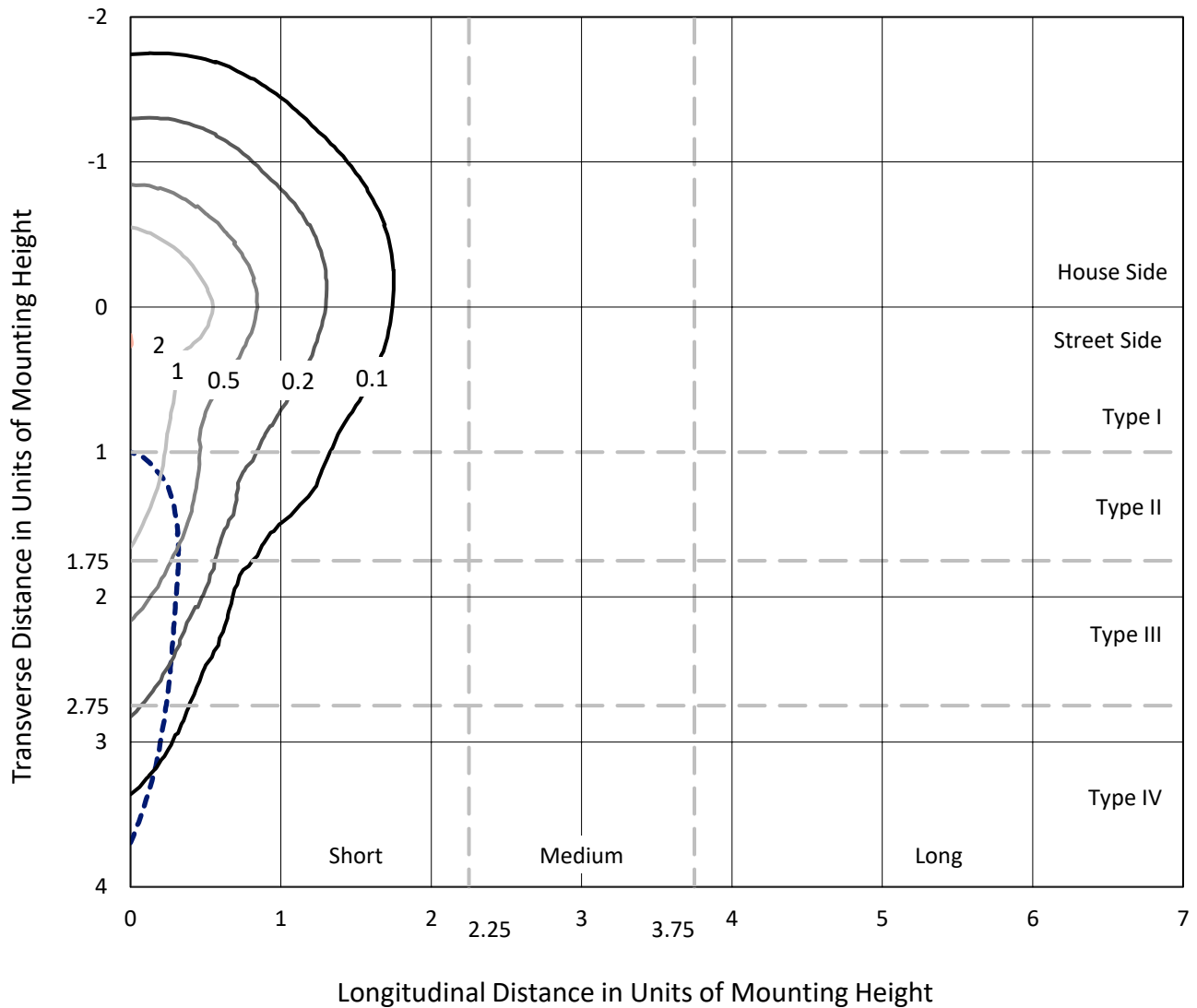
Input Watts (W): 54.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

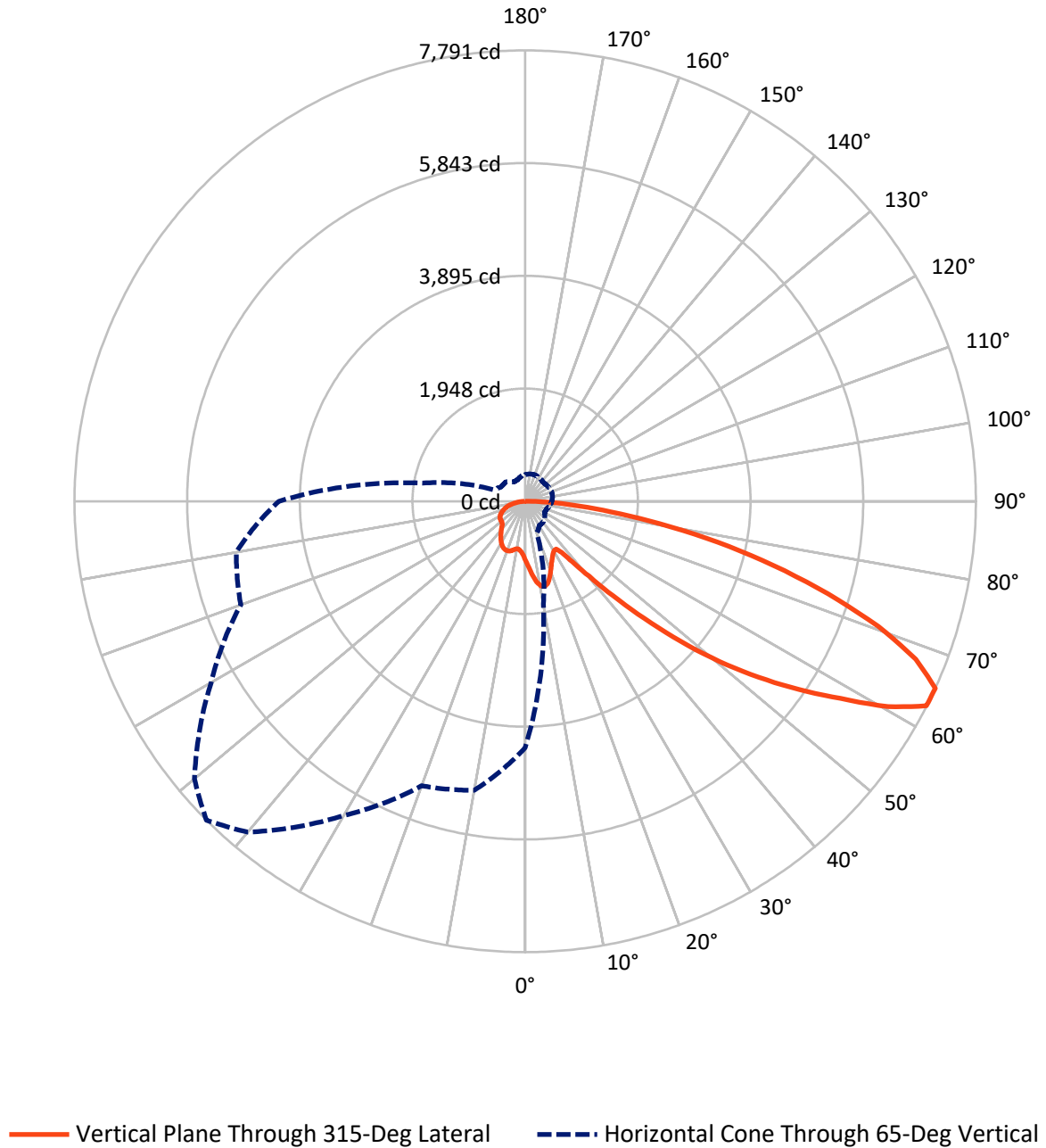
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2 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	1897.2	0.0	1897.2
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	5567.8	0.0	5567.8
	% Fixture	74.6	0.0	74.6
Total	Lumens	7465.0	0.0	7465.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.8	1.4
10°-20°	319.7	4.3
20°-30°	493.8	6.6
30°-40°	625.7	8.4
40°-50°	943.7	12.6
50°-60°	1524.8	20.4
60°-70°	1900.9	25.5
70°-80°	1246.5	16.7
80°-90°	308.2	4.1
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°	7465.0	100.0
0°-180°	7465.0	100.0

Coefficient of Utilization



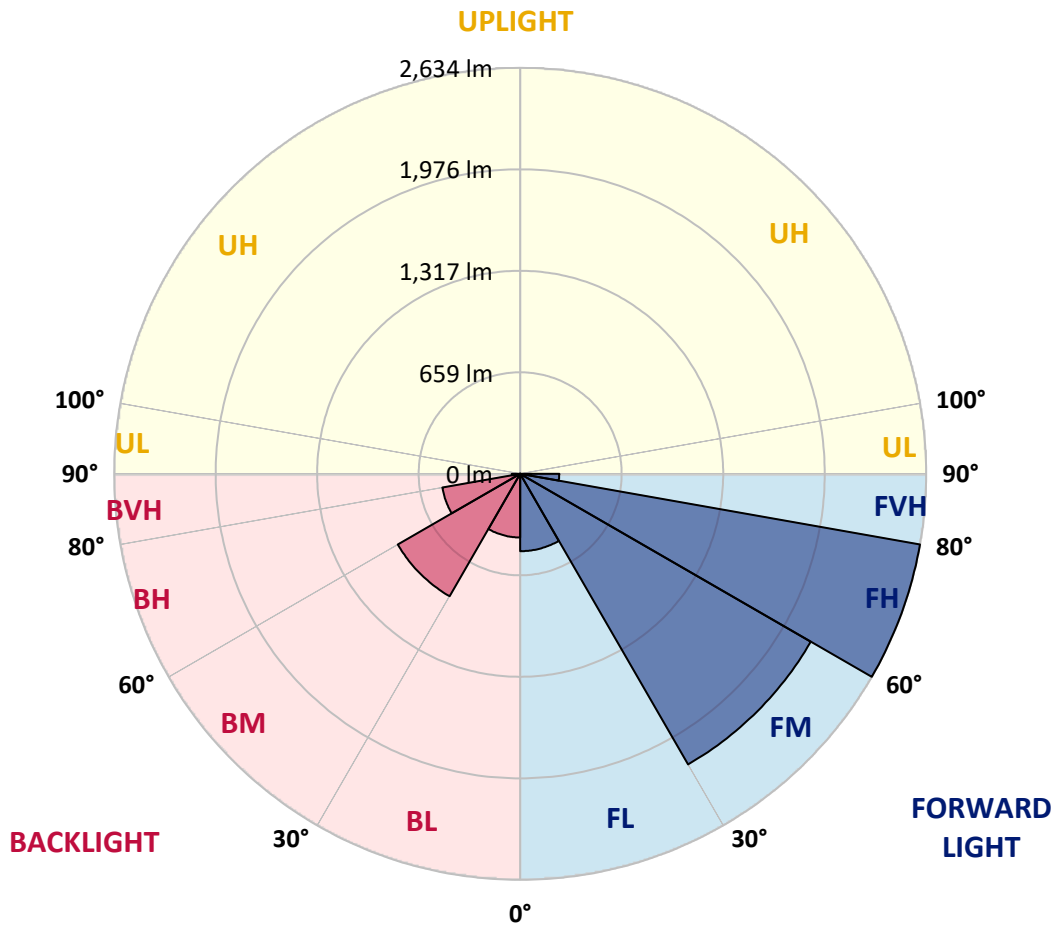
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	502.1	6.7			
FM (30°-60°)	2177.4	29.2			
FH (60°-80°)	2634.4	35.3			G2/5000
FVH (80°-90°)	253.9	3.4			G3/500
BL (0°-30°)	413.1	5.5	B1/500		
BM (30°-60°)	916.9	12.3	B1/1000		
BH (60°-80°)	512.9	6.9	B2/1000		G2/1000
BVH (80°-90°)	54.3	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5
2.5°	1103.9	1095.4	1087.0	1077.9	1069.0	1059.9	1050.8	1042.2	1033.5	1025.1
5°	1187.0	1168.3	1149.6	1130.9	1112.3	1093.5	1074.8	1057.2	1039.7	1023.2
7.5°	1270.5	1239.6	1208.8	1180.3	1151.8	1124.0	1096.2	1071.8	1047.3	1024.7
10°	1334.5	1295.5	1256.5	1218.8	1181.1	1147.4	1113.6	1084.7	1055.7	1027.9
12.5°	1373.7	1330.8	1288.0	1245.3	1202.6	1162.8	1123.0	1090.3	1057.5	1028.3
15°	1397.6	1352.8	1308.1	1261.8	1215.5	1169.7	1123.9	1086.0	1048.1	1015.7
17.5°	1410.9	1365.6	1320.3	1269.7	1219.2	1166.0	1112.8	1067.3	1021.7	983.6
20°	1425.7	1378.6	1331.5	1275.9	1220.4	1155.9	1091.5	1035.0	978.5	934.1
22.5°	1442.9	1394.7	1346.5	1284.3	1222.0	1143.6	1065.2	997.2	929.1	878.6
25°	1464.9	1417.7	1370.6	1299.4	1228.2	1131.4	1034.6	954.9	875.2	823.4
27.5°	1494.8	1449.9	1404.8	1323.0	1241.2	1123.2	1005.2	916.2	827.3	780.1
30°	1535.2	1491.7	1448.3	1353.6	1259.0	1119.4	979.7	883.9	788.2	748.6
32.5°	1582.9	1539.8	1496.8	1385.6	1274.3	1114.7	954.9	856.1	757.3	725.4
35°	1640.8	1599.6	1558.3	1422.0	1285.6	1105.8	926.0	828.7	731.5	704.9
37.5°	1738.3	1685.7	1633.2	1462.7	1292.3	1090.5	888.7	796.5	704.3	681.1
40°	1885.6	1809.0	1732.4	1514.5	1296.5	1069.5	842.6	758.1	673.6	652.5
42.5°	2081.0	1970.4	1859.9	1582.2	1304.5	1047.9	791.3	715.6	640.0	620.6
45°	2322.2	2173.1	2024.1	1671.3	1318.6	1027.7	736.9	670.6	604.2	584.5
47.5°	2624.0	2414.1	2204.3	1766.2	1328.2	1011.1	694.0	634.9	575.9	550.5
50°	3019.4	2703.1	2386.7	1854.3	1321.9	993.0	664.0	611.3	558.5	525.1
52.5°	3473.4	3006.6	2539.9	1911.5	1283.1	962.4	641.7	595.7	549.7	511.3
55°	3956.7	3275.7	2594.8	1898.9	1203.0	911.6	620.3	584.3	548.4	512.7
57.5°	4396.3	3466.5	2536.6	1810.2	1083.8	840.1	596.4	571.0	545.6	514.0
60°	4662.0	3514.1	2366.2	1645.1	924.0	747.2	570.4	550.5	530.5	509.7
62.5°	4527.1	3313.4	2099.8	1421.9	744.0	636.1	528.1	514.9	501.6	499.1
65°	4257.1	3029.5	1801.9	1194.1	586.4	536.1	485.7	479.4	473.2	473.5
67.5°	3895.3	2691.6	1487.8	971.0	454.2	439.9	425.6	429.1	432.6	431.7
70°	3460.6	2322.8	1185.0	764.6	344.1	348.2	352.2	368.5	384.6	384.6
72.5°	2942.6	1923.1	903.6	584.5	265.4	277.7	290.1	313.1	336.1	339.9
75°	2287.4	1464.9	642.4	424.2	206.1	217.3	228.5	254.2	280.0	297.8
77.5°	1634.3	1025.3	416.3	287.5	158.7	166.3	173.9	198.9	223.9	253.3
80°	1069.6	660.6	251.5	185.2	119.0	122.1	125.3	146.5	167.6	202.7
82.5°	621.8	382.3	142.9	113.9	85.0	85.6	86.2	101.8	117.4	147.3
85°	273.6	172.0	70.4	60.9	51.4	51.1	50.8	62.2	73.7	95.9
87.5°	84.7	56.3	28.0	25.2	22.5	22.3	22.0	26.6	31.3	40.6
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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1026.5	0°	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5
1015.8	2.5°	1008.2	1000.7	993.9	987.1	981.2	975.2	969.2	963.3	958.7	954.0
1006.8	5°	992.5	978.2	966.3	954.3	943.8	933.2	923.7	914.0	906.7	899.3
1003.6	7.5°	984.6	965.6	949.9	934.1	920.9	907.5	895.8	884.1	875.3	866.6
1005.2	10°	985.1	965.1	949.4	933.6	919.3	905.0	891.8	878.6	868.1	857.6
1007.1	12.5°	990.7	974.4	964.0	953.6	942.3	931.1	917.4	903.8	890.4	877.0
998.7	15°	990.9	983.1	984.5	985.9	983.0	980.1	968.2	956.4	937.3	918.3
973.1	17.5°	976.0	978.8	996.0	1013.2	1022.3	1031.4	1021.9	1012.3	987.1	961.8
931.4	20°	944.8	958.2	988.0	1017.8	1036.9	1056.0	1051.6	1047.2	1018.3	989.5
884.0	22.5°	903.8	923.6	957.6	991.8	1016.6	1041.5	1044.1	1046.8	1019.2	991.6
838.0	25°	860.9	883.7	914.3	945.0	969.4	993.9	1003.0	1012.1	989.5	966.9
797.8	27.5°	819.9	842.0	867.1	892.3	911.9	931.5	941.7	951.9	935.7	919.7
762.5	30°	780.0	797.6	818.4	839.3	855.6	871.9	880.2	888.4	876.2	863.9
731.5	32.5°	741.9	752.3	768.9	785.6	801.2	816.9	826.0	835.3	824.0	812.7
702.3	35°	705.2	708.0	720.8	733.4	748.9	764.4	775.4	786.4	778.4	770.4
671.7	37.5°	668.5	665.4	674.5	683.6	699.0	714.5	728.1	741.7	738.0	734.3
638.1	40°	631.0	623.9	630.4	637.0	651.9	666.8	682.5	698.2	699.1	700.0
602.5	42.5°	593.0	583.6	588.9	594.3	608.4	622.6	639.5	656.4	661.0	665.5
567.0	45°	557.8	548.6	553.1	557.7	571.1	584.5	602.0	619.6	626.1	632.6
535.4	47.5°	527.7	519.9	524.2	528.4	541.5	554.6	571.9	589.3	596.8	604.2
507.5	50°	500.7	493.9	500.5	507.1	519.5	531.8	547.4	562.9	572.5	582.1
486.8	52.5°	480.0	473.3	483.2	493.2	504.5	515.8	530.3	544.8	556.1	567.5
475.8	55°	465.0	454.4	468.5	482.6	494.8	507.0	519.7	532.4	544.4	556.5
469.1	57.5°	453.5	437.9	453.1	468.3	482.7	497.0	509.5	522.1	534.3	546.4
462.9	60°	442.7	422.5	435.8	449.1	465.6	482.1	494.8	507.5	519.8	532.0
455.7	62.5°	430.4	405.1	413.6	422.1	441.2	460.5	474.1	487.6	498.8	510.0
440.4	65°	413.5	386.6	389.9	393.1	413.7	434.3	447.3	460.3	470.1	480.0
413.1	67.5°	390.7	368.4	367.4	366.3	385.3	404.3	416.7	429.0	437.5	446.0
378.5	70°	362.6	346.7	343.2	339.6	356.3	373.0	383.7	394.3	402.0	409.7
340.0	72.5°	329.1	318.2	313.0	307.8	321.0	334.1	343.7	353.3	360.9	368.4
296.3	75°	287.9	279.5	274.5	269.5	279.3	289.0	297.7	306.5	313.3	320.2
252.5	77.5°	245.8	239.0	234.0	228.9	236.9	244.8	252.3	259.8	267.0	274.2
202.5	80°	196.9	191.2	187.0	182.8	189.4	196.0	202.3	208.6	214.0	219.5
149.0	82.5°	146.2	143.5	140.5	137.5	136.9	136.4	134.2	132.0	143.6	155.3
98.1	85°	95.1	92.2	88.8	85.5	82.6	79.8	73.7	67.6	78.5	89.4
43.3	87.5°	42.1	41.0	40.3	39.7	39.6	39.5	34.8	30.1	34.7	39.3
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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1026.5	0°	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5
950.3	2.5°	946.5	943.6	940.7	938.0	935.3	932.0	935.3	938.0	940.7	943.6
894.1	5°	889.0	885.3	881.6	878.8	876.0	873.3	876.0	878.8	881.6	885.3
860.4	7.5°	854.3	850.1	845.9	843.4	840.9	839.0	840.9	843.4	845.9	850.1
850.7	10°	843.8	839.8	835.9	833.7	831.6	830.7	831.6	833.7	835.9	839.8
868.2	12.5°	859.3	854.8	850.4	848.6	846.8	846.5	846.8	848.6	850.4	854.8
904.8	15°	891.3	885.1	879.0	876.6	874.3	874.1	874.3	876.6	879.0	885.1
942.0	17.5°	922.1	913.0	903.8	900.8	897.8	897.3	897.8	900.8	903.8	913.0
965.1	20°	940.8	929.1	917.4	913.6	909.9	908.7	909.9	913.6	917.4	929.1
966.6	22.5°	941.5	929.2	916.8	912.7	908.5	906.8	908.5	912.7	916.8	929.2
944.6	25°	922.4	911.7	901.0	897.1	893.3	891.0	893.3	897.1	901.0	911.7
902.4	27.5°	885.1	877.9	870.7	868.9	867.2	866.6	867.2	868.9	870.7	877.9
851.5	30°	839.1	835.4	831.7	831.7	831.7	832.3	831.7	831.7	831.7	835.4
802.8	32.5°	792.9	790.5	788.1	788.4	788.8	789.4	788.8	788.4	788.1	790.5
761.2	35°	752.2	748.5	744.9	744.1	743.3	742.9	743.3	744.1	744.9	748.5
725.9	37.5°	717.5	710.8	704.2	700.7	697.2	695.2	697.2	700.7	704.2	710.8
692.8	40°	685.7	676.0	666.4	659.9	653.4	649.5	653.4	659.9	666.4	676.0
659.5	42.5°	653.5	641.5	629.5	620.0	610.5	604.2	610.5	620.0	629.5	641.5
627.2	45°	621.8	608.0	594.3	583.2	572.0	564.9	572.0	583.2	594.3	608.0
600.5	47.5°	596.7	584.5	572.3	561.9	551.7	544.8	551.7	561.9	572.3	584.5
581.9	50°	581.7	571.9	562.2	552.6	543.1	536.5	543.1	552.6	562.2	571.9
569.6	52.5°	571.6	563.7	555.7	547.2	538.7	532.6	538.7	547.2	555.7	563.7
559.3	55°	562.2	555.2	548.3	540.8	533.3	527.8	533.3	540.8	548.3	555.2
549.3	57.5°	552.2	545.2	538.1	530.7	523.3	517.6	523.3	530.7	538.1	545.2
535.1	60°	538.3	531.4	524.6	517.0	509.3	503.4	509.3	517.0	524.6	531.4
513.1	62.5°	516.1	509.9	503.7	495.7	487.6	480.6	487.6	495.7	503.7	509.9
483.1	65°	486.2	480.2	474.3	466.5	458.7	452.6	458.7	466.5	474.3	480.2
449.0	67.5°	452.0	446.5	441.1	433.8	426.6	421.1	426.6	433.8	441.1	446.5
412.6	70°	415.5	411.0	406.6	399.7	392.7	386.4	392.7	399.7	406.6	411.0
371.8	72.5°	375.3	371.6	367.9	361.3	354.7	348.6	354.7	361.3	367.9	371.6
323.8	75°	327.4	325.6	323.8	318.2	312.7	306.8	312.7	318.2	323.8	325.6
277.5	77.5°	280.9	278.4	275.8	270.2	264.6	260.0	264.6	270.2	275.8	278.4
224.0	80°	228.5	227.4	226.3	218.8	211.2	202.5	211.2	218.8	226.3	227.4
162.9	82.5°	170.6	170.1	169.6	163.2	156.9	151.3	156.9	163.2	169.6	170.1
98.9	85°	108.3	107.5	106.7	101.8	96.8	91.8	96.8	101.8	106.7	107.5
43.1	87.5°	47.0	46.0	45.0	42.5	39.9	37.4	39.9	42.5	45.0	46.0
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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1026.5	0°	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5
946.5	2.5°	950.3	954.0	958.7	963.3	969.2	975.2	981.2	987.1	993.9	1000.7
889.0	5°	894.1	899.3	906.7	914.0	923.7	933.2	943.8	954.3	966.3	978.2
854.3	7.5°	860.4	866.6	875.3	884.1	895.8	907.5	920.9	934.1	949.9	965.6
843.8	10°	850.7	857.6	868.1	878.6	891.8	905.0	919.3	933.6	949.4	965.1
859.3	12.5°	868.2	877.0	890.4	903.8	917.4	931.1	942.3	953.6	964.0	974.4
891.3	15°	904.8	918.3	937.3	956.4	968.2	980.1	983.0	985.9	984.5	983.1
922.1	17.5°	942.0	961.8	987.1	1012.3	1021.9	1031.4	1022.3	1013.2	996.0	978.8
940.8	20°	965.1	989.5	1018.3	1047.2	1051.6	1056.0	1036.9	1017.8	988.0	958.2
941.5	22.5°	966.6	991.6	1019.2	1046.8	1044.1	1041.5	1016.6	991.8	957.6	923.6
922.4	25°	944.6	966.9	989.5	1012.1	1003.0	993.9	969.4	945.0	914.3	883.7
885.1	27.5°	902.4	919.7	935.7	951.9	941.7	931.5	911.9	892.3	867.1	842.0
839.1	30°	851.5	863.9	876.2	888.4	880.2	871.9	855.6	839.3	818.4	797.6
792.9	32.5°	802.8	812.7	824.0	835.3	826.0	816.9	801.2	785.6	768.9	752.3
752.2	35°	761.2	770.4	778.4	786.4	775.4	764.4	748.9	733.4	720.8	708.0
717.5	37.5°	725.9	734.3	738.0	741.7	728.1	714.5	699.0	683.6	674.5	665.4
685.7	40°	692.8	700.0	699.1	698.2	682.5	666.8	651.9	637.0	630.4	623.9
653.5	42.5°	659.5	665.5	661.0	656.4	639.5	622.6	608.4	594.3	588.9	583.6
621.8	45°	627.2	632.6	626.1	619.6	602.0	584.5	571.1	557.7	553.1	548.6
596.7	47.5°	600.5	604.2	596.8	589.3	571.9	554.6	541.5	528.4	524.2	519.9
581.7	50°	581.9	582.1	572.5	562.9	547.4	531.8	519.5	507.1	500.5	493.9
571.6	52.5°	569.6	567.5	556.1	544.8	530.3	515.8	504.5	493.2	483.2	473.3
562.2	55°	559.3	556.5	544.4	532.4	519.7	507.0	494.8	482.6	468.5	454.4
552.2	57.5°	549.3	546.4	534.3	522.1	509.5	497.0	482.7	468.3	453.1	437.9
538.3	60°	535.1	532.0	519.8	507.5	494.8	482.1	465.6	449.1	435.8	422.5
516.1	62.5°	513.1	510.0	498.8	487.6	474.1	460.5	441.2	422.1	413.6	405.1
486.2	65°	483.1	480.0	470.1	460.3	447.3	434.3	413.7	393.1	389.9	386.6
452.0	67.5°	449.0	446.0	437.5	429.0	416.7	404.3	385.3	366.3	367.4	368.4
415.5	70°	412.6	409.7	402.0	394.3	383.7	373.0	356.3	339.6	343.2	346.7
375.3	72.5°	371.8	368.4	360.9	353.3	343.7	334.1	321.0	307.8	313.0	318.2
327.4	75°	323.8	320.2	313.3	306.5	297.7	289.0	279.3	269.5	274.5	279.5
280.9	77.5°	277.5	274.2	267.0	259.8	252.3	244.8	236.9	228.9	234.0	239.0
228.5	80°	224.0	219.5	214.0	208.6	202.3	196.0	189.4	182.8	187.0	191.2
170.6	82.5°	162.9	155.3	143.6	132.0	134.2	136.4	136.9	137.5	140.5	143.5
108.3	85°	98.9	89.4	78.5	67.6	73.7	79.8	82.6	85.5	88.8	92.2
47.0	87.5°	43.1	39.3	34.7	30.1	34.8	39.5	39.6	39.7	40.3	41.0
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1026.5	0°	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5
1008.2	2.5°	1015.8	1025.1	1033.5	1042.2	1050.8	1059.9	1069.0	1077.9	1087.0	1095.4
992.5	5°	1006.8	1023.2	1039.7	1057.2	1074.8	1093.5	1112.3	1130.9	1149.6	1168.3
984.6	7.5°	1003.6	1024.7	1047.3	1071.8	1096.2	1124.0	1151.8	1180.3	1208.8	1239.6
985.1	10°	1005.2	1027.9	1055.7	1084.7	1113.6	1147.4	1181.1	1218.8	1256.5	1295.5
990.7	12.5°	1007.1	1028.3	1057.5	1090.3	1123.0	1162.8	1202.6	1245.3	1288.0	1330.8
990.9	15°	998.7	1015.7	1048.1	1086.0	1123.9	1169.7	1215.5	1261.8	1308.1	1352.8
976.0	17.5°	973.1	983.6	1021.7	1067.3	1112.8	1166.0	1219.2	1269.7	1320.3	1365.6
944.8	20°	931.4	934.1	978.5	1035.0	1091.5	1155.9	1220.4	1275.9	1331.5	1378.6
903.8	22.5°	884.0	878.6	929.1	997.2	1065.2	1143.6	1222.0	1284.3	1346.5	1394.7
860.9	25°	838.0	823.4	875.2	954.9	1034.6	1131.4	1228.2	1299.4	1370.6	1417.7
819.9	27.5°	797.8	780.1	827.3	916.2	1005.2	1123.2	1241.2	1323.0	1404.8	1449.9
780.0	30°	762.5	748.6	788.2	883.9	979.7	1119.4	1259.0	1353.6	1448.3	1491.7
741.9	32.5°	731.5	725.4	757.3	856.1	954.9	1114.7	1274.3	1385.6	1496.8	1539.8
705.2	35°	702.3	704.9	731.5	828.7	926.0	1105.8	1285.6	1422.0	1558.3	1599.6
668.5	37.5°	671.7	681.1	704.3	796.5	888.7	1090.5	1292.3	1462.7	1633.2	1685.7
631.0	40°	638.1	652.5	673.6	758.1	842.6	1069.5	1296.5	1514.5	1732.4	1809.0
593.0	42.5°	602.5	620.6	640.0	715.6	791.3	1047.9	1304.5	1582.2	1859.9	1970.4
557.8	45°	567.0	584.5	604.2	670.6	736.9	1027.7	1318.6	1671.3	2024.1	2173.1
527.7	47.5°	535.4	550.5	575.9	634.9	694.0	1011.1	1328.2	1766.2	2204.3	2414.1
500.7	50°	507.5	525.1	558.5	611.3	664.0	993.0	1321.9	1854.3	2386.7	2703.1
480.0	52.5°	486.8	511.3	549.7	595.7	641.7	962.4	1283.1	1911.5	2539.9	3006.6
465.0	55°	475.8	512.7	548.4	584.3	620.3	911.6	1203.0	1898.9	2594.8	3275.7
453.5	57.5°	469.1	514.0	545.6	571.0	596.4	840.1	1083.8	1810.2	2536.6	3466.5
442.7	60°	462.9	509.7	530.5	550.5	570.4	747.2	924.0	1645.1	2366.2	3514.1
430.4	62.5°	455.7	499.1	501.6	514.9	528.1	636.1	744.0	1421.9	2099.8	3313.4
413.5	65°	440.4	473.5	473.2	479.4	485.7	536.1	586.4	1194.1	1801.9	3029.5
390.7	67.5°	413.1	431.7	432.6	429.1	425.6	439.9	454.2	971.0	1487.8	2691.6
362.6	70°	378.5	384.6	384.6	368.5	352.2	348.2	344.1	764.6	1185.0	2322.8
329.1	72.5°	340.0	339.9	336.1	313.1	290.1	277.7	265.4	584.5	903.6	1923.1
287.9	75°	296.3	297.8	280.0	254.2	228.5	217.3	206.1	424.2	642.4	1464.9
245.8	77.5°	252.5	253.3	223.9	198.9	173.9	166.3	158.7	287.5	416.3	1025.3
196.9	80°	202.5	202.7	167.6	146.5	125.3	122.1	119.0	185.2	251.5	660.6
146.2	82.5°	149.0	147.3	117.4	101.8	86.2	85.6	85.0	113.9	142.9	382.3
95.1	85°	98.1	95.9	73.7	62.2	50.8	51.1	51.4	60.9	70.4	172.0
42.1	87.5°	43.3	40.6	31.3	26.6	22.0	22.3	22.5	25.2	28.0	56.3
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1026.5	0°	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5
1103.9	2.5°	1108.1	1112.3	1118.2	1124.2	1127.7	1131.3	1133.1	1134.8	1134.0	1134.8
1187.0	5°	1201.6	1216.3	1230.8	1245.3	1253.2	1261.1	1265.8	1270.6	1274.3	1270.6
1270.5	7.5°	1294.3	1318.1	1339.5	1360.8	1373.7	1386.6	1393.6	1400.5	1403.9	1400.5
1334.5	10°	1362.7	1390.8	1415.9	1441.0	1456.2	1471.3	1478.1	1484.8	1487.4	1484.8
1373.7	12.5°	1404.2	1434.7	1457.3	1480.0	1491.0	1502.0	1505.7	1509.4	1509.8	1509.4
1397.6	15°	1423.9	1450.1	1464.4	1478.6	1479.0	1479.4	1475.5	1471.5	1466.9	1471.5
1410.9	17.5°	1428.7	1446.5	1446.8	1447.0	1431.0	1415.1	1400.5	1385.8	1375.5	1385.8
1425.7	20°	1431.9	1438.1	1419.4	1400.7	1365.5	1330.3	1304.6	1279.0	1263.2	1279.0
1442.9	22.5°	1434.7	1426.6	1387.9	1349.1	1297.3	1245.5	1213.4	1181.4	1164.0	1181.4
1464.9	25°	1439.3	1413.7	1354.9	1296.0	1233.1	1170.2	1136.5	1102.8	1086.4	1102.8
1494.8	27.5°	1449.1	1403.3	1325.3	1247.4	1177.7	1108.0	1074.8	1041.7	1026.1	1041.7
1535.2	30°	1467.0	1398.7	1302.8	1206.8	1134.2	1061.6	1030.8	1000.0	985.5	1000.0
1582.9	32.5°	1489.4	1396.0	1287.4	1178.9	1110.6	1042.3	1018.2	994.0	983.6	994.0
1640.8	35°	1526.4	1412.1	1298.9	1185.8	1138.4	1091.0	1085.4	1079.8	1078.9	1079.8
1738.3	37.5°	1603.7	1469.2	1366.4	1263.6	1260.5	1257.4	1283.2	1308.9	1322.3	1308.9
1885.6	40°	1739.3	1592.9	1516.5	1440.0	1494.0	1547.9	1610.6	1673.2	1704.4	1673.2
2081.0	42.5°	1935.8	1790.6	1746.5	1702.5	1820.2	1937.9	2051.8	2165.7	2232.6	2165.7
2322.2	45°	2191.8	2061.4	2041.9	2022.5	2211.0	2399.6	2586.8	2774.0	2887.7	2774.0
2624.0	47.5°	2497.1	2370.2	2366.2	2362.3	2634.3	2906.3	3180.3	3454.3	3615.2	3454.3
3019.4	50°	2862.7	2706.0	2706.7	2707.3	3057.9	3408.5	3770.2	4131.9	4350.6	4131.9
3473.4	52.5°	3283.6	3093.9	3074.7	3055.5	3474.2	3893.0	4340.5	4788.0	5050.2	4788.0
3956.7	55°	3769.2	3581.7	3506.9	3432.1	3898.2	4364.2	4897.7	5431.3	5743.1	5431.3
4396.3	57.5°	4294.2	4192.1	4042.0	3892.0	4362.6	4833.2	5437.5	6041.8	6428.4	6041.8
4662.0	60°	4820.6	4979.2	4792.9	4606.6	5051.9	5497.3	6144.3	6791.3	7209.1	6791.3
4527.1	62.5°	4960.4	5393.7	5372.7	5351.7	5759.7	6167.7	6783.3	7398.8	7785.0	7398.8
4257.1	65°	4663.8	5070.5	5150.9	5231.4	5749.8	6268.3	6865.2	7462.1	7790.9	7462.1
3895.3	67.5°	4282.1	4668.9	4706.6	4744.3	5284.5	5824.7	6424.1	7023.6	7281.2	7023.6
3460.6	70°	3881.3	4302.1	4318.9	4335.8	4818.9	5302.0	5817.9	6333.7	6476.9	6333.7
2942.6	72.5°	3425.4	3908.3	3920.4	3932.5	4310.4	4688.4	5074.8	5461.1	5475.6	5461.1
2287.4	75°	2787.1	3286.8	3331.6	3376.5	3670.6	3964.6	4236.6	4508.6	4435.7	4508.6
1634.3	77.5°	2100.7	2567.2	2631.4	2695.7	2919.2	3142.7	3335.6	3528.6	3403.3	3528.6
1069.6	80°	1462.1	1854.5	1934.3	2014.1	2182.9	2351.7	2453.0	2554.2	2352.8	2554.2
621.8	82.5°	890.1	1158.4	1247.5	1336.7	1452.9	1569.1	1611.4	1653.6	1495.2	1653.6
273.6	85°	416.0	558.4	634.2	710.0	805.5	900.9	924.9	948.9	822.1	948.9
84.7	87.5°	132.5	180.4	222.7	265.0	312.8	360.5	362.5	364.6	306.1	364.6
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):

325°		330°	335°	340°	345°	350°	355°	360°
1026.5	0°	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5	1026.5
1133.1	2.5°	1131.3	1127.7	1124.2	1118.2	1112.3	1108.1	1103.9
1265.8	5°	1261.1	1253.2	1245.3	1230.8	1216.3	1201.6	1187.0
1393.6	7.5°	1386.6	1373.7	1360.8	1339.5	1318.1	1294.3	1270.5
1478.1	10°	1471.3	1456.2	1441.0	1415.9	1390.8	1362.7	1334.5
1505.7	12.5°	1502.0	1491.0	1480.0	1457.3	1434.7	1404.2	1373.7
1475.5	15°	1479.4	1479.0	1478.6	1464.4	1450.1	1423.9	1397.6
1400.5	17.5°	1415.1	1431.0	1447.0	1446.8	1446.5	1428.7	1410.9
1304.6	20°	1330.3	1365.5	1400.7	1419.4	1438.1	1431.9	1425.7
1213.4	22.5°	1245.5	1297.3	1349.1	1387.9	1426.6	1434.7	1442.9
1136.5	25°	1170.2	1233.1	1296.0	1354.9	1413.7	1439.3	1464.9
1074.8	27.5°	1108.0	1177.7	1247.4	1325.3	1403.3	1449.1	1494.8
1030.8	30°	1061.6	1134.2	1206.8	1302.8	1398.7	1467.0	1535.2
1018.2	32.5°	1042.3	1110.6	1178.9	1287.4	1396.0	1489.4	1582.9
1085.4	35°	1091.0	1138.4	1185.8	1298.9	1412.1	1526.4	1640.8
1283.2	37.5°	1257.4	1260.5	1263.6	1366.4	1469.2	1603.7	1738.3
1610.6	40°	1547.9	1494.0	1440.0	1516.5	1592.9	1739.3	1885.6
2051.8	42.5°	1937.9	1820.2	1702.5	1746.5	1790.6	1935.8	2081.0
2586.8	45°	2399.6	2211.0	2022.5	2041.9	2061.4	2191.8	2322.2
3180.3	47.5°	2906.3	2634.3	2362.3	2366.2	2370.2	2497.1	2624.0
3770.2	50°	3408.5	3057.9	2707.3	2706.7	2706.0	2862.7	3019.4
4340.5	52.5°	3893.0	3474.2	3055.5	3074.7	3093.9	3283.6	3473.4
4897.7	55°	4364.2	3898.2	3432.1	3506.9	3581.7	3769.2	3956.7
5437.5	57.5°	4833.2	4362.6	3892.0	4042.0	4192.1	4294.2	4396.3
6144.3	60°	5497.3	5051.9	4606.6	4792.9	4979.2	4820.6	4662.0
6783.3	62.5°	6167.7	5759.7	5351.7	5372.7	5393.7	4960.4	4527.1
6865.2	65°	6268.3	5749.8	5231.4	5150.9	5070.5	4663.8	4257.1
6424.1	67.5°	5824.7	5284.5	4744.3	4706.6	4668.9	4282.1	3895.3
5817.9	70°	5302.0	4818.9	4335.8	4318.9	4302.1	3881.3	3460.6
5074.8	72.5°	4688.4	4310.4	3932.5	3920.4	3908.3	3425.4	2942.6
4236.6	75°	3964.6	3670.6	3376.5	3331.6	3286.8	2787.1	2287.4
3335.6	77.5°	3142.7	2919.2	2695.7	2631.4	2567.2	2100.7	1634.3
2453.0	80°	2351.7	2182.9	2014.1	1934.3	1854.5	1462.1	1069.6
1611.4	82.5°	1569.1	1452.9	1336.7	1247.5	1158.4	890.1	621.8
924.9	85°	900.9	805.5	710.0	634.2	558.4	416.0	273.6
362.5	87.5°	360.5	312.8	265.0	222.7	180.4	132.5	84.7
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)