

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: P945155

Luminaire Tested: **GALN-SB1A-940-U-SLL**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P945155
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-SB1A-940-U-SLL
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(1) 90 CRI, 4000K, 350mA LIGHTSQUARE WITH 26 LEDS AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3240 lumens
Efficiency: N/A
Efficacy: 104.9 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

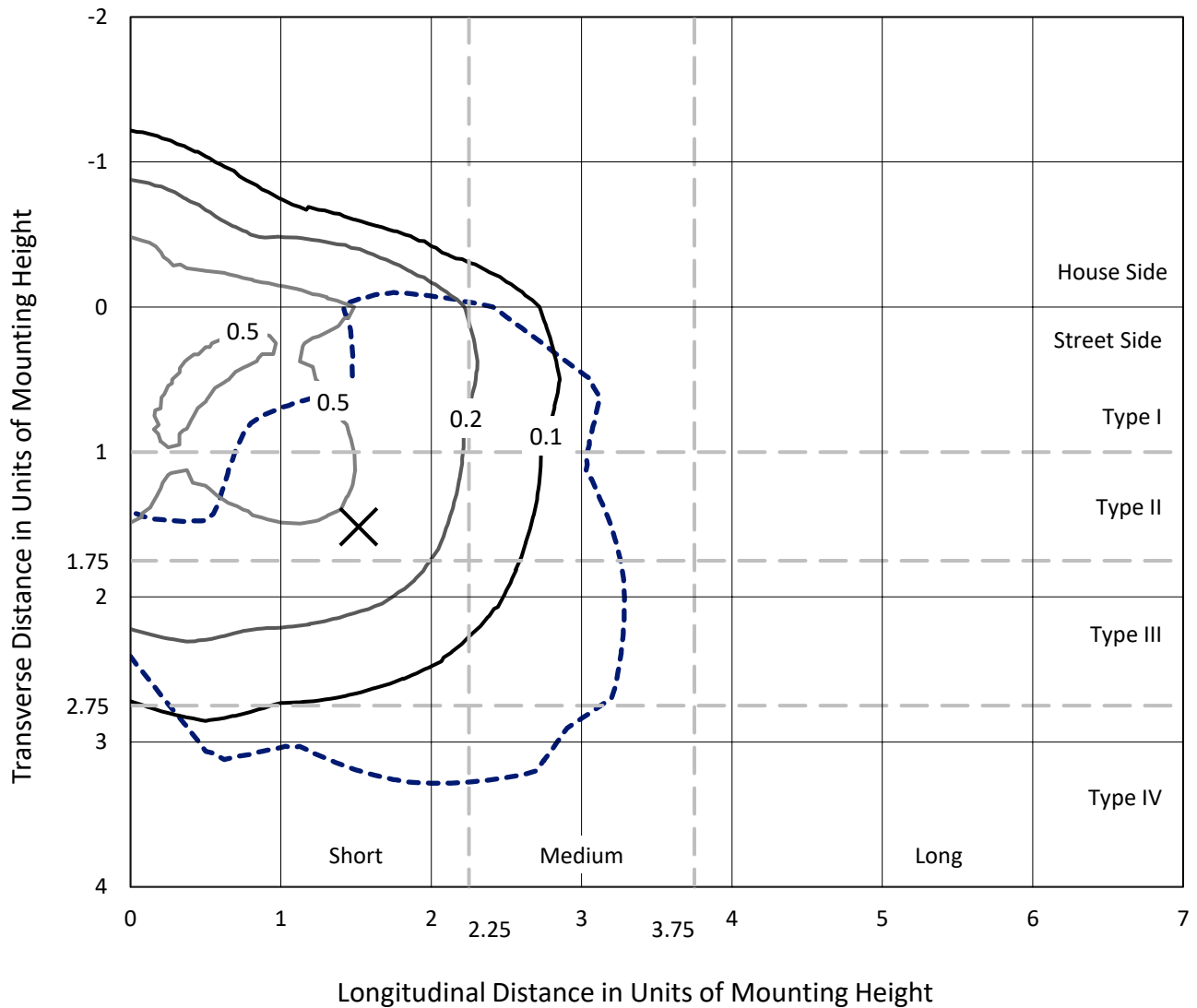
Input Watts (W): 30.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

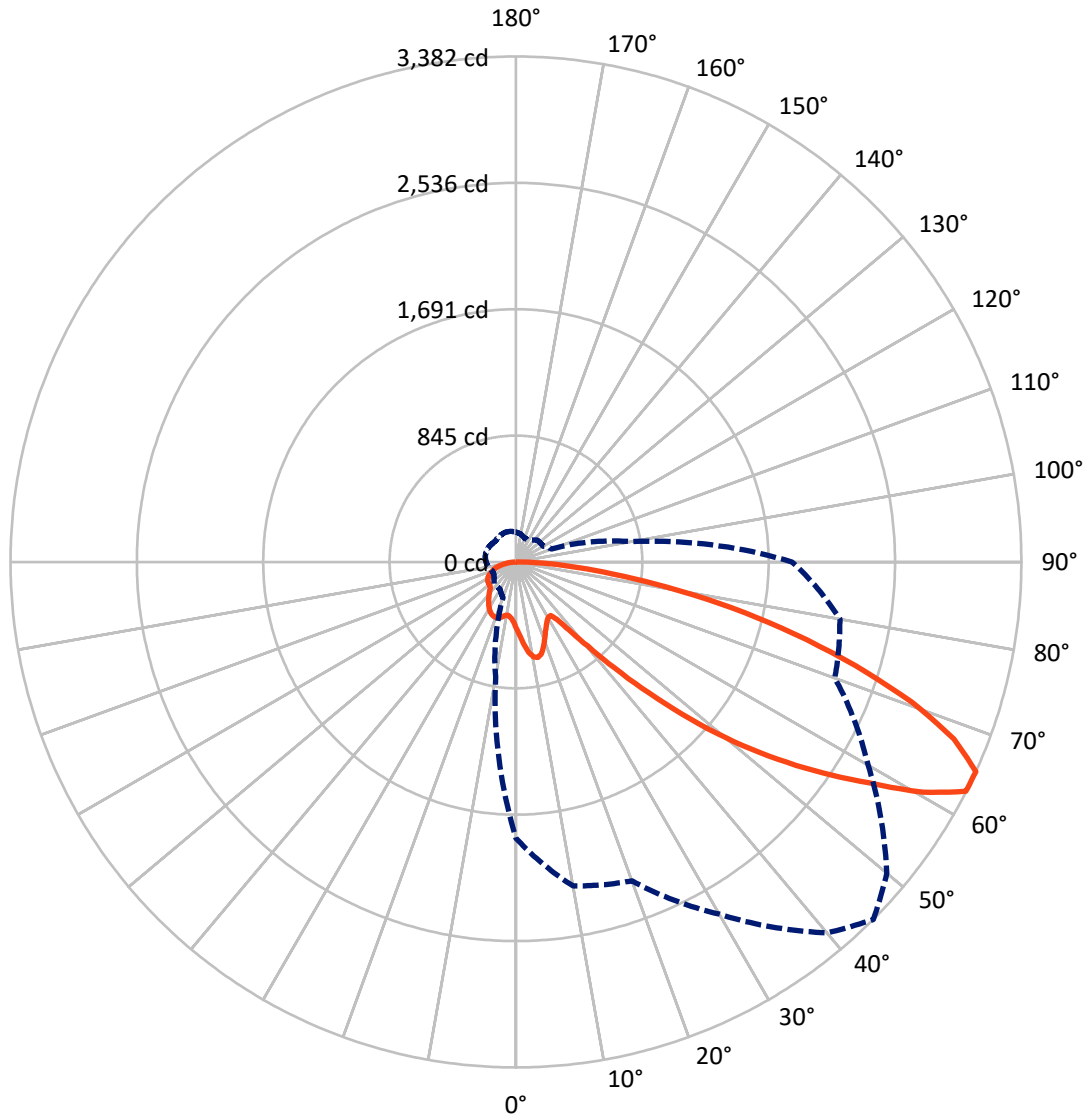
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	823.4	0.0	823.4
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	2416.6	0.0	2416.6
	% Fixture	74.6	0.0	74.6
Total	Lumens	3240.0	0.0	3240.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.2	1.4
10°-20°	138.7	4.3
20°-30°	214.3	6.6
30°-40°	271.6	8.4
40°-50°	409.6	12.6
50°-60°	661.8	20.4
60°-70°	825.0	25.5
70°-80°	541.0	16.7
80°-90°	133.8	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°	3240.0	100.0
0°-180°	3240.0	100.0

Coefficient of Utilization



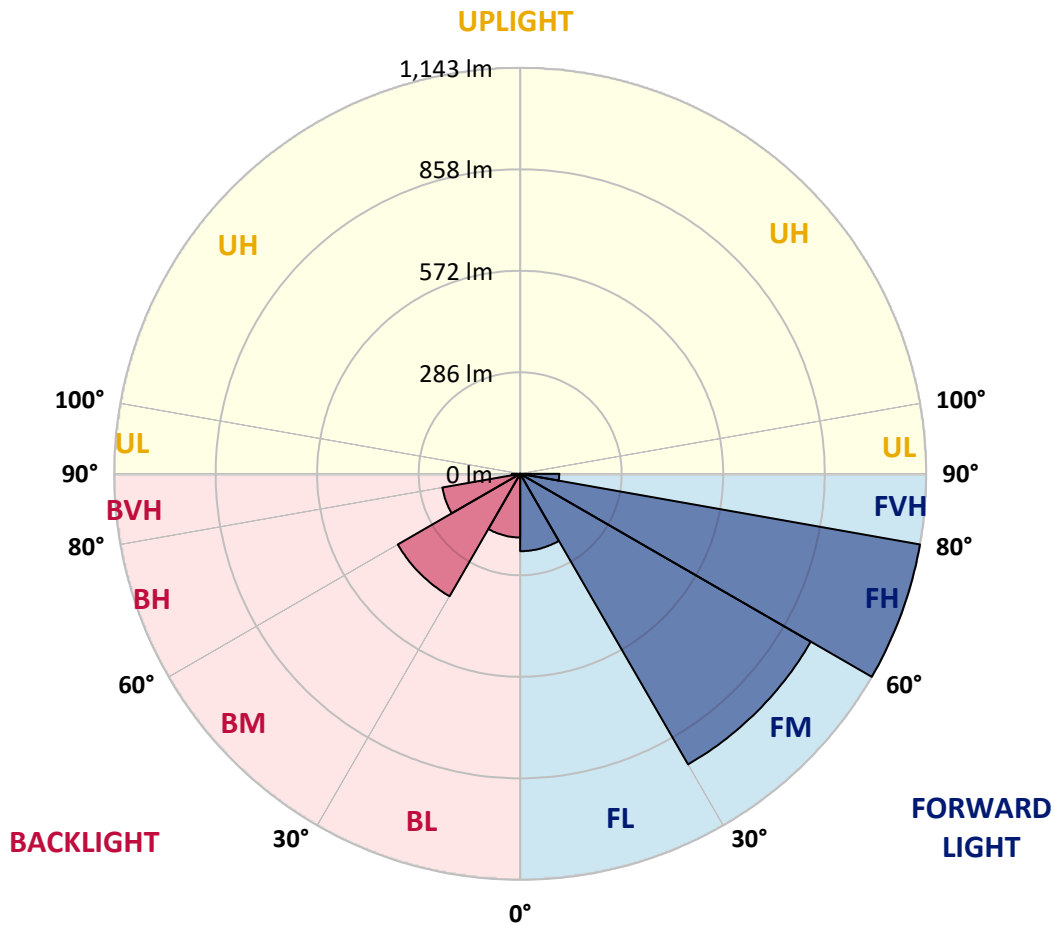
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	217.9	6.7			
FM (30°-60°)	945.0	29.2			
FH (60°-80°)	1143.4	35.3			G1/1800
FVH (80°-90°)	110.2	3.4			G2/225
BL (0°-30°)	179.3	5.5	B1/500		
BM (30°-60°)	397.9	12.3	B1/1000		
BH (60°-80°)	222.6	6.9	B1/500		G1/500
BVH (80°-90°)	23.6	0.7			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°	10°	15°	20°	25°	30°	35°	40°	45°
0°	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5
2.5°	479.1	480.9	482.8	485.3	487.9	489.5	491.0	491.8	492.5	492.2
5°	515.2	521.5	527.9	534.2	540.5	543.9	547.3	549.4	551.5	553.1
7.5°	551.4	561.8	572.1	581.4	590.6	596.2	601.8	604.8	607.9	609.3
10°	579.2	591.4	603.6	614.5	625.4	632.0	638.6	641.5	644.4	645.6
12.5°	596.2	609.5	622.7	632.5	642.3	647.1	651.9	653.5	655.1	655.3
15°	606.6	618.0	629.4	635.6	641.8	641.9	642.1	640.4	638.7	636.7
17.5°	612.4	620.1	627.8	627.9	628.0	621.1	614.2	607.8	601.5	597.0
20°	618.8	621.5	624.2	616.1	607.9	592.7	577.4	566.2	555.1	548.3
22.5°	626.2	622.7	619.2	602.4	585.5	563.1	540.6	526.7	512.8	505.2
25°	635.8	624.7	613.6	588.0	562.5	535.2	507.9	493.3	478.7	471.5
27.5°	648.8	628.9	609.1	575.2	541.4	511.1	480.9	466.5	452.1	445.4
30°	666.3	636.7	607.1	565.4	523.8	492.3	460.7	447.4	434.0	427.7
32.5°	687.0	646.4	605.9	558.8	511.7	482.0	452.4	441.9	431.4	426.9
35°	712.1	662.5	612.9	563.8	514.7	494.1	473.5	471.1	468.6	468.3
37.5°	754.5	696.1	637.7	593.0	548.4	547.1	545.7	556.9	568.1	573.9
40°	818.4	754.9	691.4	658.2	625.0	648.4	671.8	699.0	726.2	739.8
42.5°	903.2	840.2	777.2	758.0	738.9	790.0	841.1	890.5	940.0	969.0
45°	1007.9	951.3	894.7	886.3	877.8	959.6	1041.5	1122.7	1204.0	1253.3
47.5°	1138.9	1083.8	1028.7	1027.0	1025.3	1143.4	1261.4	1380.3	1499.3	1569.1
50°	1310.5	1242.5	1174.5	1174.8	1175.1	1327.2	1479.4	1636.4	1793.4	1888.3
52.5°	1507.5	1425.2	1342.8	1334.5	1326.2	1507.9	1689.7	1883.9	2078.1	2191.9
55°	1717.3	1635.9	1554.6	1522.1	1489.6	1691.9	1894.2	2125.7	2357.3	2492.6
57.5°	1908.1	1863.8	1819.5	1754.3	1689.2	1893.5	2097.7	2360.0	2622.3	2790.1
60°	2023.4	2092.3	2161.1	2080.2	1999.4	2192.7	2386.0	2666.8	2947.6	3129.0
62.5°	1964.9	2152.9	2341.0	2331.9	2322.8	2499.8	2676.9	2944.1	3211.3	3378.9
65°	1847.7	2024.2	2200.7	2235.6	2270.6	2495.6	2720.6	2979.7	3238.7	3381.5
67.5°	1690.6	1858.5	2026.4	2042.8	2059.2	2293.6	2528.1	2788.2	3048.4	3160.2
70°	1502.0	1684.6	1867.2	1874.5	1881.9	2091.5	2301.2	2525.1	2749.0	2811.1
72.5°	1277.2	1486.7	1696.3	1701.6	1706.8	1870.8	2034.9	2202.6	2370.3	2376.5
75°	992.8	1209.7	1426.5	1446.0	1465.5	1593.1	1720.7	1838.8	1956.8	1925.2
77.5°	709.3	911.8	1114.2	1142.1	1170.0	1267.0	1364.0	1447.7	1531.5	1477.1
80°	464.2	634.6	804.9	839.5	874.2	947.4	1020.7	1064.7	1108.6	1021.2
82.5°	269.9	386.3	502.8	541.5	580.2	630.6	681.0	699.4	717.7	649.0
85°	118.7	180.5	242.3	275.2	308.2	349.6	391.0	401.4	411.8	356.8
87.5°	36.8	57.5	78.3	96.7	115.0	135.7	156.5	157.4	158.2	132.8
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°
445.5	0°	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5
492.5	2.5°	491.8	491.0	489.5	487.9	485.3	482.8	480.9	479.1	475.4	471.8
551.5	5°	549.4	547.3	543.9	540.5	534.2	527.9	521.5	515.2	507.1	499.0
607.9	7.5°	604.8	601.8	596.2	590.6	581.4	572.1	561.8	551.4	538.0	524.6
644.4	10°	641.5	638.6	632.0	625.4	614.5	603.6	591.4	579.2	562.3	545.3
655.1	12.5°	653.5	651.9	647.1	642.3	632.5	622.7	609.5	596.2	577.6	559.0
638.7	15°	640.4	642.1	641.9	641.8	635.6	629.4	618.0	606.6	587.2	567.8
601.5	17.5°	607.8	614.2	621.1	628.0	627.9	627.8	620.1	612.4	592.7	573.0
555.1	20°	566.2	577.4	592.7	607.9	616.1	624.2	621.5	618.8	598.4	577.9
512.8	22.5°	526.7	540.6	563.1	585.5	602.4	619.2	622.7	626.2	605.3	584.4
478.7	25°	493.3	507.9	535.2	562.5	588.0	613.6	624.7	635.8	615.3	594.9
452.1	27.5°	466.5	480.9	511.1	541.4	575.2	609.1	628.9	648.8	629.3	609.7
434.0	30°	447.4	460.7	492.3	523.8	565.4	607.1	636.7	666.3	647.5	628.6
431.4	32.5°	441.9	452.4	482.0	511.7	558.8	605.9	646.4	687.0	668.3	649.7
468.6	35°	471.1	473.5	494.1	514.7	563.8	612.9	662.5	712.1	694.3	676.4
568.1	37.5°	556.9	545.7	547.1	548.4	593.0	637.7	696.1	754.5	731.7	708.8
726.2	40°	699.0	671.8	648.4	625.0	658.2	691.4	754.9	818.4	785.2	751.9
940.0	42.5°	890.5	841.1	790.0	738.9	758.0	777.2	840.2	903.2	855.2	807.3
1204.0	45°	1122.7	1041.5	959.6	877.8	886.3	894.7	951.3	1007.9	943.2	878.5
1499.3	47.5°	1380.3	1261.4	1143.4	1025.3	1027.0	1028.7	1083.8	1138.9	1047.8	956.7
1793.4	50°	1636.4	1479.4	1327.2	1175.1	1174.8	1174.5	1242.5	1310.5	1173.2	1035.9
2078.1	52.5°	1883.9	1689.7	1507.9	1326.2	1334.5	1342.8	1425.2	1507.5	1305.0	1102.4
2357.3	55°	2125.7	1894.2	1691.9	1489.6	1522.1	1554.6	1635.9	1717.3	1421.8	1126.2
2622.3	57.5°	2360.0	2097.7	1893.5	1689.2	1754.3	1819.5	1863.8	1908.1	1504.5	1101.0
2947.6	60°	2666.8	2386.0	2192.7	1999.4	2080.2	2161.1	2092.3	2023.4	1525.2	1027.0
3211.3	62.5°	2944.1	2676.9	2499.8	2322.8	2331.9	2341.0	2152.9	1964.9	1438.1	911.4
3238.7	65°	2979.7	2720.6	2495.6	2270.6	2235.6	2200.7	2024.2	1847.7	1314.9	782.1
3048.4	67.5°	2788.2	2528.1	2293.6	2059.2	2042.8	2026.4	1858.5	1690.6	1168.2	645.8
2749.0	70°	2525.1	2301.2	2091.5	1881.9	1874.5	1867.2	1684.6	1502.0	1008.2	514.3
2370.3	72.5°	2202.6	2034.9	1870.8	1706.8	1701.6	1696.3	1486.7	1277.2	834.7	392.2
1956.8	75°	1838.8	1720.7	1593.1	1465.5	1446.0	1426.5	1209.7	992.8	635.8	278.8
1531.5	77.5°	1447.7	1364.0	1267.0	1170.0	1142.1	1114.2	911.8	709.3	445.0	180.7
1108.6	80°	1064.7	1020.7	947.4	874.2	839.5	804.9	634.6	464.2	286.7	109.2
717.7	82.5°	699.4	681.0	630.6	580.2	541.5	502.8	386.3	269.9	165.9	62.0
411.8	85°	401.4	391.0	349.6	308.2	275.2	242.3	180.5	118.7	74.6	30.6
158.2	87.5°	157.4	156.5	135.7	115.0	96.7	78.3	57.5	36.8	24.4	12.1
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°
445.5	0°	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5
467.9	2.5°	464.0	460.0	456.1	452.3	448.6	444.9	440.9	437.6	434.3	431.4
490.9	5°	482.8	474.6	466.5	458.9	451.3	444.1	437.0	430.8	424.6	419.4
512.3	7.5°	499.9	487.8	475.8	465.2	454.6	444.8	435.6	427.3	419.1	412.3
529.0	10°	512.6	498.0	483.3	470.8	458.2	446.1	436.3	427.6	418.9	412.1
540.5	12.5°	521.9	504.7	487.4	473.2	459.0	446.3	437.1	430.0	422.9	418.4
547.7	15°	527.6	507.7	487.8	471.3	454.9	440.8	433.5	430.1	426.7	427.3
551.1	17.5°	529.2	506.1	483.0	463.2	443.4	426.9	422.4	423.6	424.8	432.3
553.8	20°	529.7	501.7	473.7	449.2	424.7	405.4	404.2	410.1	415.9	428.8
557.4	22.5°	530.4	496.3	462.3	432.8	403.3	381.3	383.7	392.3	400.9	415.6
564.0	25°	533.1	491.0	449.0	414.4	379.9	357.4	363.7	373.6	383.6	396.8
574.2	27.5°	538.7	487.5	436.3	397.7	359.1	338.6	346.3	355.9	365.4	376.4
587.5	30°	546.4	485.8	425.2	383.7	342.1	324.9	330.9	338.5	346.2	355.2
601.4	32.5°	553.1	483.8	414.4	371.6	328.7	314.8	317.5	322.0	326.5	333.7
617.2	35°	558.0	479.9	401.9	359.7	317.5	305.9	304.8	306.1	307.3	312.8
634.9	37.5°	560.9	473.3	385.7	345.7	305.7	295.6	291.5	290.2	288.8	292.8
657.3	40°	562.7	464.2	365.7	329.0	292.3	283.2	277.0	273.9	270.8	273.6
686.7	42.5°	566.2	454.8	343.4	310.6	277.8	269.4	261.5	257.4	253.3	255.6
725.4	45°	572.3	446.1	319.8	291.0	262.3	253.7	246.1	242.1	238.1	240.1
766.6	47.5°	576.5	438.8	301.2	275.6	249.9	238.9	232.4	229.0	225.7	227.5
804.8	50°	573.7	431.0	288.2	265.3	242.4	227.9	220.3	217.3	214.4	217.2
829.6	52.5°	556.9	417.7	278.5	258.5	238.6	221.9	211.3	208.3	205.4	209.7
824.2	55°	522.1	395.7	269.2	253.6	238.0	222.5	206.5	201.8	197.2	203.3
785.7	57.5°	470.4	364.6	258.8	247.8	236.8	223.1	203.6	196.8	190.1	196.7
714.0	60°	401.0	324.3	247.6	238.9	230.3	221.2	200.9	192.1	183.4	189.2
617.1	62.5°	322.9	276.1	229.2	223.5	217.7	216.6	197.8	186.8	175.8	179.5
518.3	65°	254.5	232.7	210.8	208.1	205.4	205.5	191.1	179.5	167.8	169.2
421.5	67.5°	197.2	190.9	184.7	186.2	187.8	187.4	179.3	169.6	159.9	159.4
331.8	70°	149.3	151.1	152.9	159.9	166.9	166.9	164.3	157.4	150.5	148.9
253.7	72.5°	115.2	120.5	125.9	135.9	145.9	147.5	147.6	142.8	138.1	135.8
184.1	75°	89.4	94.3	99.2	110.3	121.5	129.2	128.6	125.0	121.3	119.1
124.8	77.5°	68.9	72.2	75.5	86.3	97.2	109.9	109.6	106.7	103.7	101.6
80.4	80°	51.6	53.0	54.4	63.6	72.7	88.0	87.9	85.5	83.0	81.2
49.4	82.5°	36.9	37.1	37.4	44.2	50.9	63.9	64.7	63.5	62.3	61.0
26.4	85°	22.3	22.2	22.1	27.0	32.0	41.6	42.6	41.3	40.0	38.6
11.0	87.5°	9.8	9.7	9.5	11.6	13.6	17.6	18.8	18.3	17.8	17.5
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°
445.5	0°	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5
428.4	2.5°	425.9	423.3	420.7	418.1	416.1	414.1	412.4	410.8	409.6	408.3
414.2	5°	409.6	405.0	400.9	396.7	393.5	390.3	388.1	385.8	384.2	382.6
405.4	7.5°	399.7	393.9	388.8	383.7	379.9	376.1	373.5	370.8	369.0	367.1
405.2	10°	399.0	392.8	387.1	381.3	376.8	372.2	369.2	366.2	364.5	362.8
413.9	12.5°	409.0	404.1	398.2	392.3	386.5	380.6	376.8	373.0	371.0	369.1
427.9	15°	426.7	425.4	420.2	415.1	406.8	398.5	392.7	386.9	384.2	381.5
439.7	17.5°	443.7	447.7	443.5	439.4	428.4	417.5	408.8	400.2	396.3	392.3
441.8	20°	450.1	458.4	456.4	454.5	442.0	429.5	418.9	408.3	403.3	398.2
430.4	22.5°	441.2	452.0	453.2	454.3	442.4	430.4	419.5	408.6	403.3	397.9
410.1	25°	420.8	431.4	435.3	439.3	429.5	419.7	410.0	400.4	395.7	391.1
387.3	27.5°	395.8	404.3	408.7	413.1	406.1	399.2	391.7	384.2	381.0	377.9
364.3	30°	371.3	378.4	382.0	385.6	380.3	375.0	369.6	364.2	362.6	361.0
341.0	32.5°	347.8	354.5	358.5	362.5	357.6	352.7	348.4	344.1	343.1	342.1
318.3	35°	325.0	331.8	336.5	341.3	337.8	334.4	330.4	326.5	324.9	323.3
296.7	37.5°	303.4	310.1	316.0	321.9	320.3	318.7	315.1	311.4	308.5	305.6
276.5	40°	282.9	289.4	296.2	303.0	303.4	303.8	300.7	297.6	293.4	289.2
257.9	42.5°	264.1	270.2	277.6	284.9	286.9	288.8	286.2	283.6	278.4	273.2
242.0	45°	247.9	253.7	261.3	268.9	271.7	274.6	272.2	269.9	263.9	257.9
229.3	47.5°	235.0	240.7	248.2	255.8	259.0	262.3	260.6	259.0	253.7	248.4
220.1	50°	225.5	230.8	237.6	244.3	248.5	252.6	252.5	252.5	248.2	244.0
214.0	52.5°	219.0	223.9	230.1	236.4	241.4	246.3	247.2	248.1	244.6	241.2
209.5	55°	214.8	220.1	225.6	231.1	236.3	241.5	242.8	244.0	241.0	238.0
203.3	57.5°	209.5	215.7	221.2	226.6	231.9	237.2	238.4	239.7	236.6	233.6
194.9	60°	202.1	209.2	214.7	220.3	225.6	230.9	232.3	233.6	230.6	227.7
183.2	62.5°	191.5	199.9	205.8	211.7	216.5	221.4	222.7	224.0	221.3	218.6
170.6	65°	179.5	188.5	194.1	199.8	204.0	208.3	209.7	211.0	208.4	205.8
159.0	67.5°	167.2	175.5	180.8	186.2	189.9	193.6	194.9	196.2	193.8	191.4
147.4	70°	154.7	161.9	166.5	171.1	174.5	177.8	179.1	180.3	178.4	176.5
133.6	72.5°	139.3	145.0	149.2	153.4	156.6	159.9	161.4	162.9	161.3	159.7
117.0	75°	121.2	125.5	129.2	133.0	136.0	139.0	140.5	142.1	141.3	140.5
99.4	77.5°	102.8	106.3	109.5	112.7	115.9	119.0	120.5	121.9	120.8	119.7
79.3	80°	82.2	85.1	87.8	90.5	92.9	95.3	97.2	99.2	98.7	98.2
59.7	82.5°	59.4	59.2	58.2	57.3	62.3	67.4	70.7	74.0	73.8	73.6
37.1	85°	35.9	34.6	32.0	29.3	34.1	38.8	42.9	47.0	46.7	46.3
17.2	87.5°	17.2	17.1	15.1	13.1	15.1	17.1	18.7	20.4	20.0	19.5
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°
445.5	0°	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5
407.1	2.5°	406.0	404.5	406.0	407.1	408.3	409.6	410.8	412.4	414.1	416.1
381.4	5°	380.2	379.0	380.2	381.4	382.6	384.2	385.8	388.1	390.3	393.5
366.0	7.5°	365.0	364.1	365.0	366.0	367.1	369.0	370.8	373.5	376.1	379.9
361.9	10°	360.9	360.6	360.9	361.9	362.8	364.5	366.2	369.2	372.2	376.8
368.3	12.5°	367.5	367.4	367.5	368.3	369.1	371.0	373.0	376.8	380.6	386.5
380.5	15°	379.5	379.4	379.5	380.5	381.5	384.2	386.9	392.7	398.5	406.8
391.0	17.5°	389.7	389.5	389.7	391.0	392.3	396.3	400.2	408.8	417.5	428.4
396.5	20°	394.9	394.4	394.9	396.5	398.2	403.3	408.3	418.9	429.5	442.0
396.1	22.5°	394.3	393.6	394.3	396.1	397.9	403.3	408.6	419.5	430.4	442.4
389.4	25°	387.7	386.7	387.7	389.4	391.1	395.7	400.4	410.0	419.7	429.5
377.1	27.5°	376.4	376.1	376.4	377.1	377.9	381.0	384.2	391.7	399.2	406.1
361.0	30°	361.0	361.2	361.0	361.0	361.0	362.6	364.2	369.6	375.0	380.3
342.2	32.5°	342.4	342.6	342.4	342.2	342.1	343.1	344.1	348.4	352.7	357.6
322.9	35°	322.6	322.4	322.6	322.9	323.3	324.9	326.5	330.4	334.4	337.8
304.1	37.5°	302.6	301.7	302.6	304.1	305.6	308.5	311.4	315.1	318.7	320.3
286.4	40°	283.6	281.9	283.6	286.4	289.2	293.4	297.6	300.7	303.8	303.4
269.1	42.5°	265.0	262.3	265.0	269.1	273.2	278.4	283.6	286.2	288.8	286.9
253.1	45°	248.3	245.2	248.3	253.1	257.9	263.9	269.9	272.2	274.6	271.7
243.9	47.5°	239.4	236.4	239.4	243.9	248.4	253.7	259.0	260.6	262.3	259.0
239.9	50°	235.7	232.9	235.7	239.9	244.0	248.2	252.5	252.5	252.6	248.5
237.5	52.5°	233.8	231.1	233.8	237.5	241.2	244.6	248.1	247.2	246.3	241.4
234.7	55°	231.5	229.1	231.5	234.7	238.0	241.0	244.0	242.8	241.5	236.3
230.4	57.5°	227.1	224.6	227.1	230.4	233.6	236.6	239.7	238.4	237.2	231.9
224.4	60°	221.1	218.5	221.1	224.4	227.7	230.6	233.6	232.3	230.9	225.6
215.1	62.5°	211.7	208.6	211.7	215.1	218.6	221.3	224.0	222.7	221.4	216.5
202.5	65°	199.1	196.4	199.1	202.5	205.8	208.4	211.0	209.7	208.3	204.0
188.3	67.5°	185.2	182.8	185.2	188.3	191.4	193.8	196.2	194.9	193.6	189.9
173.5	70°	170.4	167.7	170.4	173.5	176.5	178.4	180.3	179.1	177.8	174.5
156.8	72.5°	154.0	151.3	154.0	156.8	159.7	161.3	162.9	161.4	159.9	156.6
138.1	75°	135.7	133.2	135.7	138.1	140.5	141.3	142.1	140.5	139.0	136.0
117.3	77.5°	114.9	112.8	114.9	117.3	119.7	120.8	121.9	120.5	119.0	115.9
95.0	80°	91.7	87.9	91.7	95.0	98.2	98.7	99.2	97.2	95.3	92.9
70.8	82.5°	68.1	65.6	68.1	70.8	73.6	73.8	74.0	70.7	67.4	62.3
44.2	85°	42.0	39.8	42.0	44.2	46.3	46.7	47.0	42.9	38.8	34.1
18.4	87.5°	17.3	16.2	17.3	18.4	19.5	20.0	20.4	18.7	17.1	15.1
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°
445.5	0°	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5	445.5
418.1	2.5°	420.7	423.3	425.9	428.4	431.4	434.3	437.6	440.9	444.9	448.6
396.7	5°	400.9	405.0	409.6	414.2	419.4	424.6	430.8	437.0	444.1	451.3
383.7	7.5°	388.8	393.9	399.7	405.4	412.3	419.1	427.3	435.6	444.8	454.6
381.3	10°	387.1	392.8	399.0	405.2	412.1	418.9	427.6	436.3	446.1	458.2
392.3	12.5°	398.2	404.1	409.0	413.9	418.4	422.9	430.0	437.1	446.3	459.0
415.1	15°	420.2	425.4	426.7	427.9	427.3	426.7	430.1	433.5	440.8	454.9
439.4	17.5°	443.5	447.7	443.7	439.7	432.3	424.8	423.6	422.4	426.9	443.4
454.5	20°	456.4	458.4	450.1	441.8	428.8	415.9	410.1	404.2	405.4	424.7
454.3	22.5°	453.2	452.0	441.2	430.4	415.6	400.9	392.3	383.7	381.3	403.3
439.3	25°	435.3	431.4	420.8	410.1	396.8	383.6	373.6	363.7	357.4	379.9
413.1	27.5°	408.7	404.3	395.8	387.3	376.4	365.4	355.9	346.3	338.6	359.1
385.6	30°	382.0	378.4	371.3	364.3	355.2	346.2	338.5	330.9	324.9	342.1
362.5	32.5°	358.5	354.5	347.8	341.0	333.7	326.5	322.0	317.5	314.8	328.7
341.3	35°	336.5	331.8	325.0	318.3	312.8	307.3	306.1	304.8	305.9	317.5
321.9	37.5°	316.0	310.1	303.4	296.7	292.8	288.8	290.2	291.5	295.6	305.7
303.0	40°	296.2	289.4	282.9	276.5	273.6	270.8	273.9	277.0	283.2	292.3
284.9	42.5°	277.6	270.2	264.1	257.9	255.6	253.3	257.4	261.5	269.4	277.8
268.9	45°	261.3	253.7	247.9	242.0	240.1	238.1	242.1	246.1	253.7	262.3
255.8	47.5°	248.2	240.7	235.0	229.3	227.5	225.7	229.0	232.4	238.9	249.9
244.3	50°	237.6	230.8	225.5	220.1	217.2	214.4	217.3	220.3	227.9	242.4
236.4	52.5°	230.1	223.9	219.0	214.0	209.7	205.4	208.3	211.3	221.9	238.6
231.1	55°	225.6	220.1	214.8	209.5	203.3	197.2	201.8	206.5	222.5	238.0
226.6	57.5°	221.2	215.7	209.5	203.3	196.7	190.1	196.8	203.6	223.1	236.8
220.3	60°	214.7	209.2	202.1	194.9	189.2	183.4	192.1	200.9	221.2	230.3
211.7	62.5°	205.8	199.9	191.5	183.2	179.5	175.8	186.8	197.8	216.6	217.7
199.8	65°	194.1	188.5	179.5	170.6	169.2	167.8	179.5	191.1	205.5	205.4
186.2	67.5°	180.8	175.5	167.2	159.0	159.4	159.9	169.6	179.3	187.4	187.8
171.1	70°	166.5	161.9	154.7	147.4	148.9	150.5	157.4	164.3	166.9	166.9
153.4	72.5°	149.2	145.0	139.3	133.6	135.8	138.1	142.8	147.6	147.5	145.9
133.0	75°	129.2	125.5	121.2	117.0	119.1	121.3	125.0	128.6	129.2	121.5
112.7	77.5°	109.5	106.3	102.8	99.4	101.6	103.7	106.7	109.6	109.9	97.2
90.5	80°	87.8	85.1	82.2	79.3	81.2	83.0	85.5	87.9	88.0	72.7
57.3	82.5°	58.2	59.2	59.4	59.7	61.0	62.3	63.5	64.7	63.9	50.9
29.3	85°	32.0	34.6	35.9	37.1	38.6	40.0	41.3	42.6	41.6	32.0
13.1	87.5°	15.1	17.1	17.2	17.2	17.5	17.8	18.3	18.8	17.6	13.6
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°
445.5	0°	445.5	445.5	445.5	445.5	445.5	445.5	445.5
452.3	2.5°	456.1	460.0	464.0	467.9	471.8	475.4	479.1
458.9	5°	466.5	474.6	482.8	490.9	499.0	507.1	515.2
465.2	7.5°	475.8	487.8	499.9	512.3	524.6	538.0	551.4
470.8	10°	483.3	498.0	512.6	529.0	545.3	562.3	579.2
473.2	12.5°	487.4	504.7	521.9	540.5	559.0	577.6	596.2
471.3	15°	487.8	507.7	527.6	547.7	567.8	587.2	606.6
463.2	17.5°	483.0	506.1	529.2	551.1	573.0	592.7	612.4
449.2	20°	473.7	501.7	529.7	553.8	577.9	598.4	618.8
432.8	22.5°	462.3	496.3	530.4	557.4	584.4	605.3	626.2
414.4	25°	449.0	491.0	533.1	564.0	594.9	615.3	635.8
397.7	27.5°	436.3	487.5	538.7	574.2	609.7	629.3	648.8
383.7	30°	425.2	485.8	546.4	587.5	628.6	647.5	666.3
371.6	32.5°	414.4	483.8	553.1	601.4	649.7	668.3	687.0
359.7	35°	401.9	479.9	558.0	617.2	676.4	694.3	712.1
345.7	37.5°	385.7	473.3	560.9	634.9	708.8	731.7	754.5
329.0	40°	365.7	464.2	562.7	657.3	751.9	785.2	818.4
310.6	42.5°	343.4	454.8	566.2	686.7	807.3	855.2	903.2
291.0	45°	319.8	446.1	572.3	725.4	878.5	943.2	1007.9
275.6	47.5°	301.2	438.8	576.5	766.6	956.7	1047.8	1138.9
265.3	50°	288.2	431.0	573.7	804.8	1035.9	1173.2	1310.5
258.5	52.5°	278.5	417.7	556.9	829.6	1102.4	1305.0	1507.5
253.6	55°	269.2	395.7	522.1	824.2	1126.2	1421.8	1717.3
247.8	57.5°	258.8	364.6	470.4	785.7	1101.0	1504.5	1908.1
238.9	60°	247.6	324.3	401.0	714.0	1027.0	1525.2	2023.4
223.5	62.5°	229.2	276.1	322.9	617.1	911.4	1438.1	1964.9
208.1	65°	210.8	232.7	254.5	518.3	782.1	1314.9	1847.7
186.2	67.5°	184.7	190.9	197.2	421.5	645.8	1168.2	1690.6
159.9	70°	152.9	151.1	149.3	331.8	514.3	1008.2	1502.0
135.9	72.5°	125.9	120.5	115.2	253.7	392.2	834.7	1277.2
110.3	75°	99.2	94.3	89.4	184.1	278.8	635.8	992.8
86.3	77.5°	75.5	72.2	68.9	124.8	180.7	445.0	709.3
63.6	80°	54.4	53.0	51.6	80.4	109.2	286.7	464.2
44.2	82.5°	37.4	37.1	36.9	49.4	62.0	165.9	269.9
27.0	85°	22.1	22.2	22.3	26.4	30.6	74.6	118.7
11.6	87.5°	9.5	9.7	9.8	11.0	12.1	24.4	36.8
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)