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

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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: P947906

Luminaire Tested: **GALN-SB3A-840-U-SLL**

Issue Date: 1/21/2025

Report Generated By 670246001

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Test Information

Test Method:	LM-79-08
Report Number:	P947906
	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-SB3A-840-U-SLL
Description:	GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
	(3) 80 CRI, 4000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT ELIMINATOR LEFT OPTICS
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12828 lumens
Efficiency:	N/A
Efficacy:	151.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G3

Input Watts (W):	84.7
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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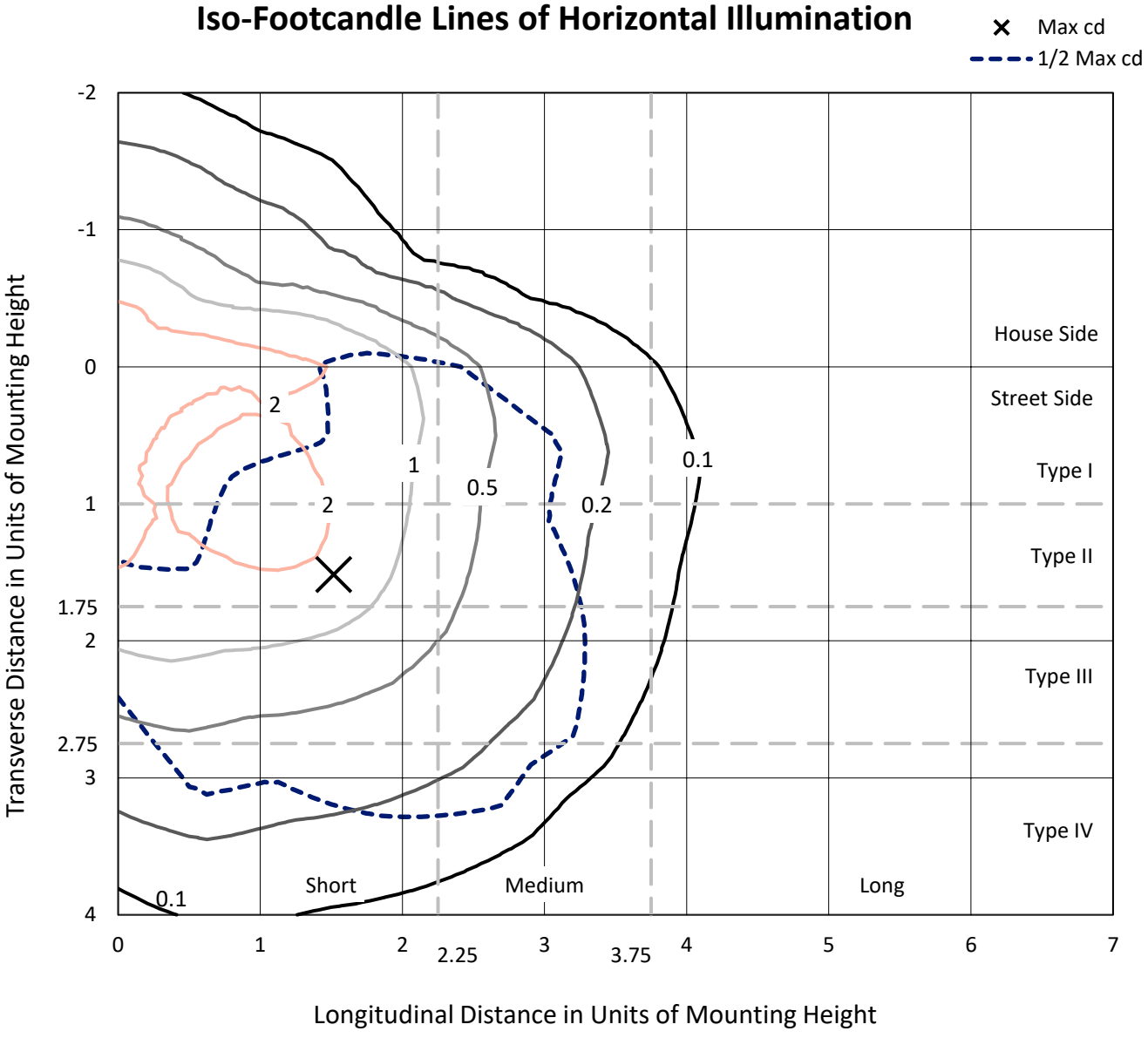
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 3.9 fc
Type IV - Short - N/A

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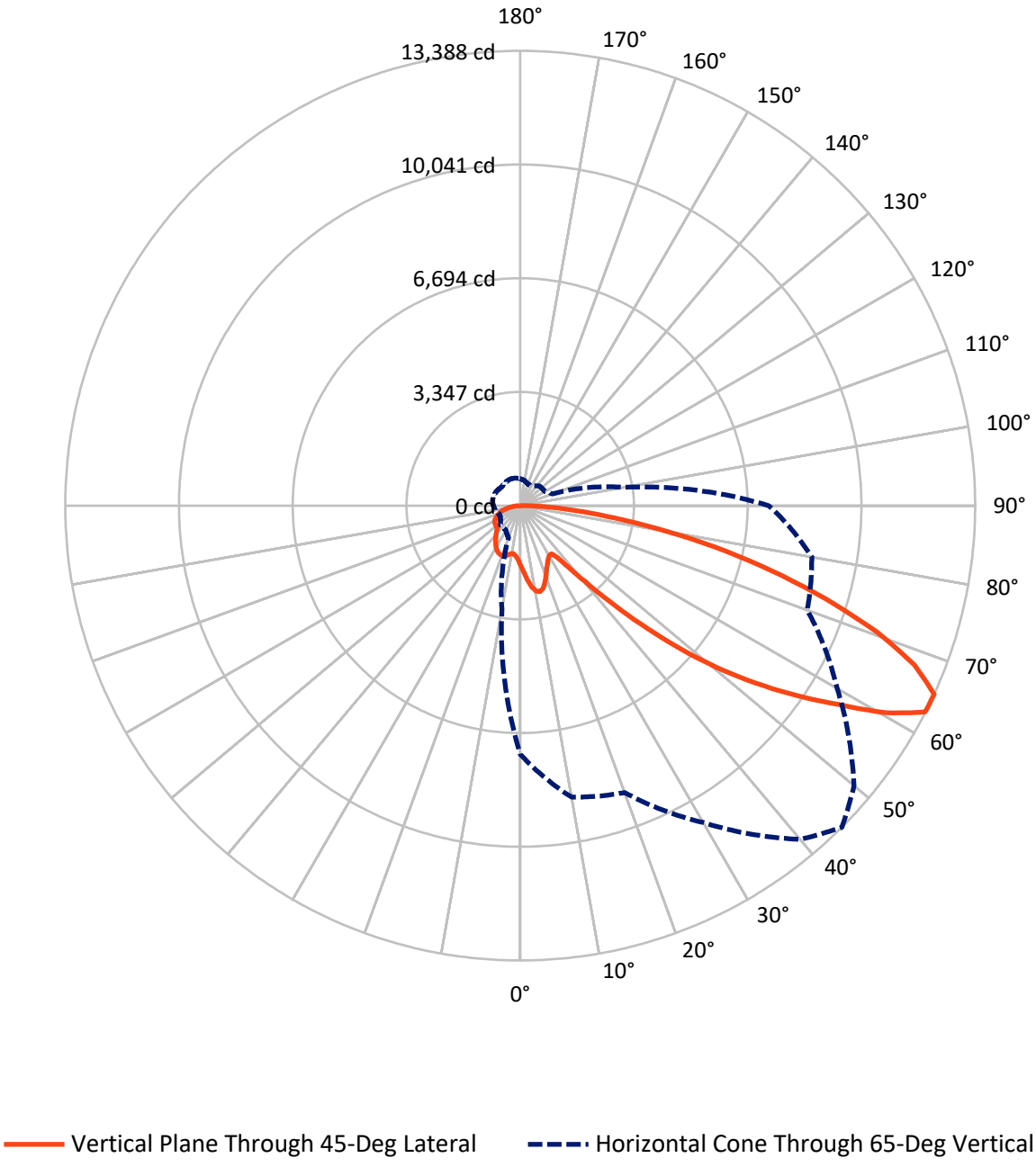
Luminous Intensity Polar Plot



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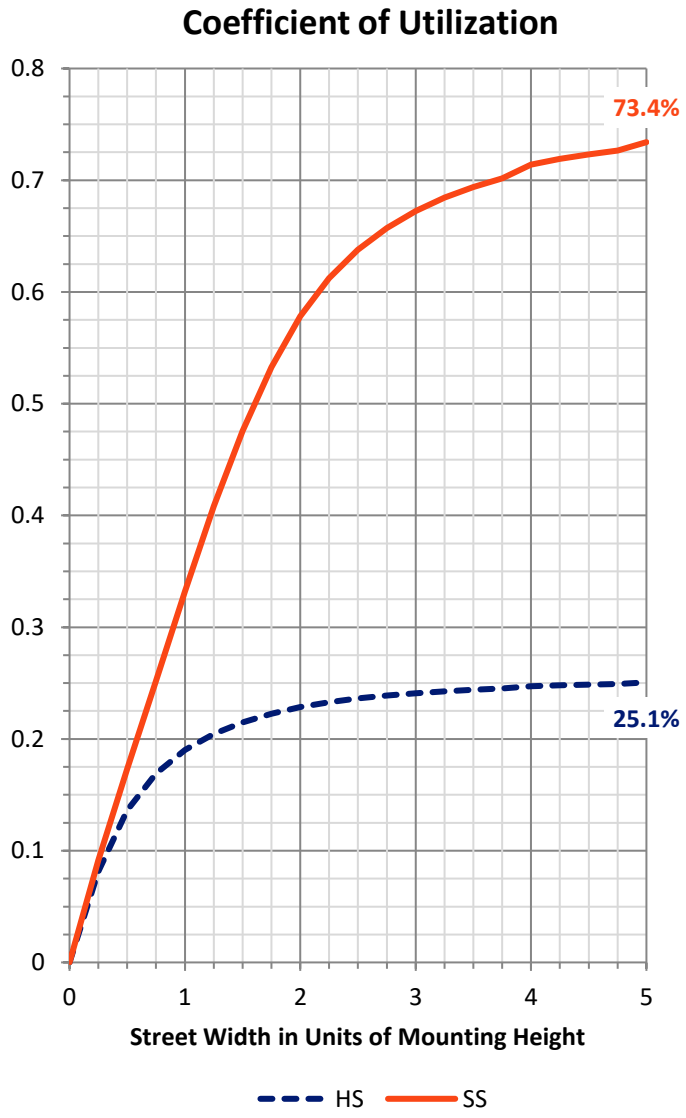
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3260.2	0.0	3260.2
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	9567.8	0.0	9567.8
	% Fixture	74.6	0.0	74.6
Total	Lumens	12828.0	0.0	12828.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	175.0	1.4
10°-20°	549.3	4.3
20°-30°	848.5	6.6
30°-40°	1075.3	8.4
40°-50°	1621.8	12.6
50°-60°	2620.2	20.4
60°-70°	3266.5	25.5
70°-80°	2142.0	16.7
80°-90°	529.6	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°	12828.0	100.0
0°-180°	12828.0	100.0



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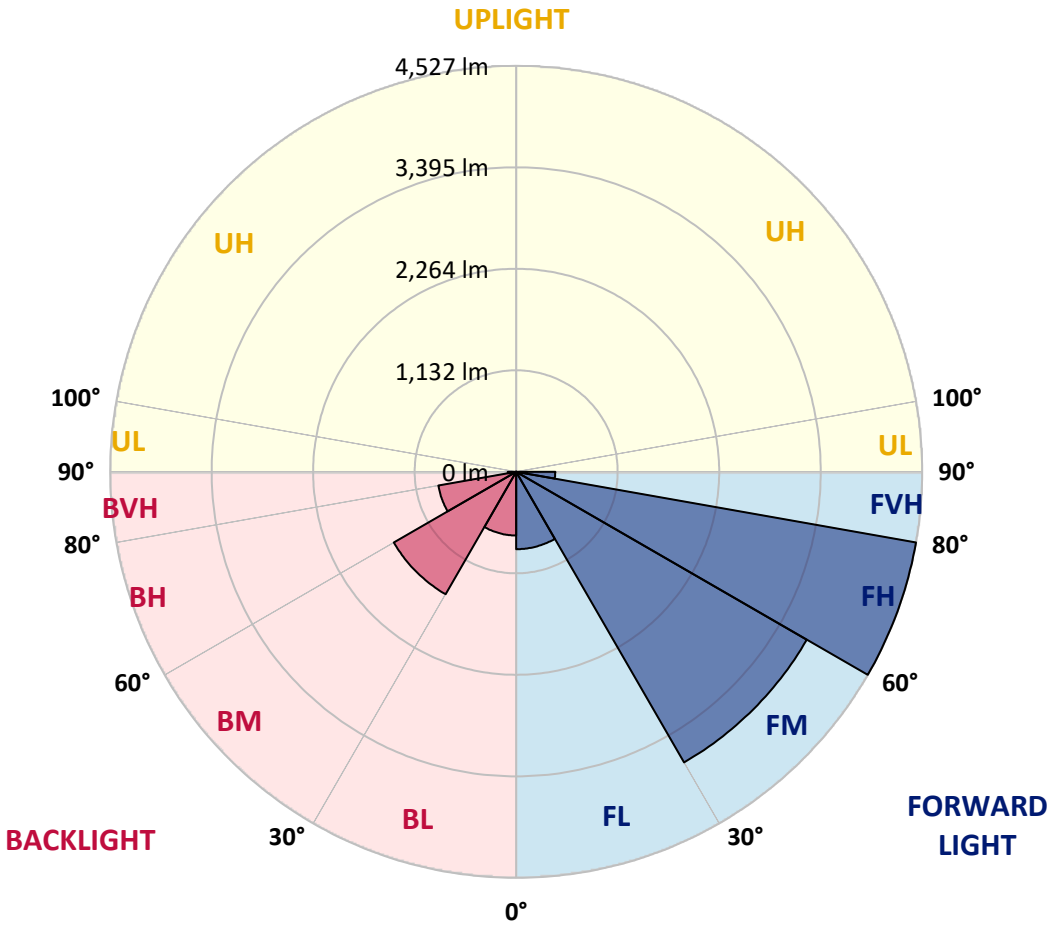
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	862.8	6.7			
FM	(30°-60°)	3741.7	29.2			
FH	(60°-80°)	4527.1	35.3			G2/5000
FVH	(80°-90°)	436.2	3.4			G3/500
BL	(0°-30°)	710.0	5.5	B2/1000		
BM	(30°-60°)	1575.5	12.3	B2/2500		
BH	(60°-80°)	881.4	6.9	B2/1000		G2/1000
BVH	(80°-90°)	93.3	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°	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	*1764.0*
2.5°	1897.0	1904.1	1911.4	1921.6	1931.8	1937.9	1944.0	1947.1	1950.1	*1948.7*
5°	2039.8	2064.9	2090.1	2115.0	2140.0	2153.5	2167.0	2175.2	2183.5	*2189.7*
7.5°	2183.3	2224.2	2265.0	2301.7	2338.5	2360.6	2382.8	2394.7	2406.7	*2412.4*
10°	2293.3	2341.6	2389.9	2433.1	2476.2	2502.3	2528.3	2539.9	2551.5	*2555.9*
12.5°	2360.6	2413.0	2465.3	2504.3	2543.2	2562.1	2581.1	2587.5	2593.8	*2594.5*
15°	2401.6	2446.8	2491.9	2516.4	2540.9	2541.6	2542.2	2535.5	2528.7	*2520.7*
17.5°	2424.6	2455.1	2485.7	2486.1	2486.5	2459.1	2431.7	2406.6	2381.4	*2363.7*
20°	2450.0	2460.6	2471.3	2439.2	2407.0	2346.5	2286.0	2241.9	2197.8	*2170.8*
22.5°	2479.4	2465.5	2451.5	2384.9	2318.3	2229.3	2140.3	2085.2	2030.1	*2000.2*
25°	2517.3	2473.3	2429.3	2328.2	2227.1	2119.0	2010.9	1952.9	1895.1	*1866.8*
27.5°	2568.8	2490.1	2411.4	2277.4	2143.6	2023.7	1903.9	1846.9	1790.0	*1763.3*
30°	2638.2	2520.9	2403.6	2238.7	2073.8	1949.0	1824.2	1771.3	1718.5	*1693.6*
32.5°	2720.1	2559.4	2398.9	2212.3	2025.8	1908.5	1791.2	1749.7	1708.1	*1690.2*
35°	2819.6	2623.0	2426.5	2232.1	2037.8	1956.3	1874.8	1865.2	1855.5	*1854.0*
37.5°	2987.1	2755.9	2524.6	2348.0	2171.3	2166.0	2160.8	2205.0	2249.3	*2272.3*
40°	3240.2	2988.8	2737.3	2605.9	2474.6	2567.3	2660.0	2767.6	2875.3	*2928.9*
42.5°	3576.0	3326.5	3077.0	3001.3	2925.6	3127.9	3330.1	3525.9	3721.6	*3836.6*
45°	3990.6	3766.5	3542.3	3508.9	3475.5	3799.5	4123.6	4445.2	4767.0	*4962.2*
47.5°	4509.1	4291.0	4072.9	4066.2	4059.4	4526.9	4994.2	5465.1	5935.9	*6212.4*
50°	5188.7	4919.3	4650.1	4651.2	4652.4	5254.8	5857.2	6478.8	7100.4	*7476.2*
52.5°	5968.8	5642.6	5316.6	5283.6	5250.6	5970.2	6689.8	7458.9	8227.9	*8678.3*
55°	6799.3	6477.1	6154.9	6026.4	5897.8	6698.7	7499.5	8416.4	9333.2	*9869.0*
57.5°	7554.7	7379.3	7203.7	6945.9	6688.2	7496.8	8305.5	9344.0	10382.4	*11046.8*
60°	8011.3	8283.8	8556.4	8236.2	7916.0	8681.3	9446.6	10558.4	11670.3	*12388.3*
62.5°	7779.4	8524.1	9268.7	9232.6	9196.5	9897.5	10598.7	11656.5	12714.3	*13377.9*
65°	*7315.4*	*8014.3*	*8713.2*	*8851.5*	*8989.7*	*9880.6*	*10771.6*	*11797.3*	*12823.0*	*13388.1*
67.5°	6693.7	7358.4	8023.1	8088.0	8152.7	9081.0	10009.2	11039.4	12069.5	*12512.2*
70°	5946.8	6669.7	7392.8	7421.8	7450.8	8280.9	9111.0	9997.5	10884.0	*11130.0*
72.5°	5056.7	5886.3	6716.0	6736.9	6757.7	7407.1	8056.6	8720.6	9384.5	*9409.4*
75°	3930.7	4789.4	5648.1	5725.2	5802.3	6307.5	6812.8	7280.2	7747.6	*7622.4*
77.5°	2808.4	3610.0	4411.6	4521.9	4632.3	5016.4	5400.5	5732.0	6063.5	*5848.3*
80°	1838.1	2512.5	3186.8	3323.9	3461.0	3751.2	4041.1	4215.2	4389.3	*4043.0*
82.5°	1068.5	1529.5	1990.6	2143.8	2297.0	2496.7	2696.4	2769.0	2841.6	*2569.5*
85°	470.1	714.8	959.5	1089.8	1220.1	1384.2	1548.2	1589.4	1630.6	*1412.7*
87.5°	145.5	227.8	310.0	382.7	455.4	537.4	619.5	623.0	626.5	*525.9*
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°
1764.0	0°	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0
1950.1	2.5°	1947.1	1944.0	1937.9	1931.8	1921.6	1911.4	1904.1	1897.0	1882.4	1867.9
2183.5	5°	2175.2	2167.0	2153.5	2140.0	2115.0	2090.1	2064.9	2039.8	2007.6	1975.5
2406.7	7.5°	2394.7	2382.8	2360.6	2338.5	2301.7	2265.0	2224.2	2183.3	2130.2	2077.2
2551.5	10°	2539.9	2528.3	2502.3	2476.2	2433.1	2389.9	2341.6	2293.3	2226.2	2159.1
2593.8	12.5°	2587.5	2581.1	2562.1	2543.2	2504.3	2465.3	2413.0	2360.6	2286.9	2213.3
2528.7	15°	2535.5	2542.2	2541.6	2540.9	2516.4	2491.9	2446.8	2401.6	2324.8	2247.9
2381.4	17.5°	2406.6	2431.7	2459.1	2486.5	2486.1	2485.7	2455.1	2424.6	2346.7	2268.8
2197.8	20°	2241.9	2286.0	2346.5	2407.0	2439.2	2471.3	2460.6	2450.0	2369.0	2288.0
2030.1	22.5°	2085.2	2140.3	2229.3	2318.3	2384.9	2451.5	2465.5	2479.4	2396.7	2313.9
1895.1	25°	1952.9	2010.9	2119.0	2227.1	2328.2	2429.3	2473.3	2517.3	2436.2	2355.2
1790.0	27.5°	1846.9	1903.9	2023.7	2143.6	2277.4	2411.4	2490.1	2568.8	2491.5	2414.1
1718.5	30°	1771.3	1824.2	1949.0	2073.8	2238.7	2403.6	2520.9	2638.2	2563.4	2488.8
1708.1	32.5°	1749.7	1791.2	1908.5	2025.8	2212.3	2398.9	2559.4	2720.1	2646.1	2572.2
1855.5	35°	1865.2	1874.8	1956.3	2037.8	2232.1	2426.5	2623.0	2819.6	2748.8	2677.9
2249.3	37.5°	2205.0	2160.8	2166.0	2171.3	2348.0	2524.6	2755.9	2987.1	2896.8	2806.5
2875.3	40°	2767.6	2660.0	2567.3	2474.6	2605.9	2737.3	2988.8	3240.2	3108.7	2977.1
3721.6	42.5°	3525.9	3330.1	3127.9	2925.6	3001.3	3077.0	3326.5	3576.0	3386.0	3196.1
4767.0	45°	4445.2	4123.6	3799.5	3475.5	3508.9	3542.3	3766.5	3990.6	3734.4	3478.2
5935.9	47.5°	5465.1	4994.2	4526.9	4059.4	4066.2	4072.9	4291.0	4509.1	4148.5	3787.8
7100.4	50°	6478.8	5857.2	5254.8	4652.4	4651.2	4650.1	4919.3	5188.7	4645.1	4101.4
8227.9	52.5°	7458.9	6689.8	5970.2	5250.6	5283.6	5316.6	5642.6	5968.8	5166.7	4364.5
9333.2	55°	8416.4	7499.5	6698.7	5897.8	6026.4	6154.9	6477.1	6799.3	5629.1	4459.0
10382.4	57.5°	9344.0	8305.5	7496.8	6688.2	6945.9	7203.7	7379.3	7554.7	5956.9	4359.0
11670.3	60°	10558.4	9446.6	8681.3	7916.0	8236.2	8556.4	8283.8	8011.3	6038.8	4066.2
12714.3	62.5°	11656.5	10598.7	9897.5	9196.5	9232.6	9268.7	8524.1	7779.4	5693.9	3608.3
12823.0	65°	*11797.3*	*10771.6*	*9880.6*	*8989.7*	*8851.5*	*8713.2*	*8014.3*	*7315.4*	*5205.9*	*3096.4*
12069.5	67.5°	11039.4	10009.2	9081.0	8152.7	8088.0	8023.1	7358.4	6693.7	4625.2	2556.7
10884.0	70°	9997.5	9111.0	8280.9	7450.8	7421.8	7392.8	6669.7	5946.8	3991.6	2036.4
9384.5	72.5°	8720.6	8056.6	7407.1	6757.7	6736.9	6716.0	5886.3	5056.7	3304.7	1552.8
7747.6	75°	7280.2	6812.8	6307.5	5802.3	5725.2	5648.1	4789.4	3930.7	2517.3	1103.9
6063.5	77.5°	5732.0	5400.5	5016.4	4632.3	4521.9	4411.6	3610.0	2808.4	1761.9	715.3
4389.3	80°	4215.2	4041.1	3751.2	3461.0	3323.9	3186.8	2512.5	1838.1	1135.1	432.2
2841.6	82.5°	2769.0	2696.4	2496.7	2297.0	2143.8	1990.6	1529.5	1068.5	657.0	245.6
1630.6	85°	1589.4	1548.2	1384.2	1220.1	1089.8	959.5	714.8	470.1	295.5	121.0
626.5	87.5°	623.0	619.5	537.4	455.4	382.7	310.0	227.8	145.5	96.8	48.1
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°
1764.0	0°	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0
1852.4	2.5°	1836.9	1821.4	1805.8	1790.9	1776.0	1761.6	1745.5	1732.6	1719.6	1707.9
1943.4	5°	1911.4	1879.1	1846.9	1816.8	1786.6	1758.2	1730.1	1705.6	1681.0	1660.5
2028.2	7.5°	1979.2	1931.5	1883.8	1841.7	1799.7	1760.9	1724.6	1691.9	1659.4	1632.3
2094.3	10°	2029.6	1971.7	1913.7	1864.0	1814.2	1766.3	1727.3	1692.9	1658.5	1631.4
2139.9	12.5°	2066.5	1998.2	1929.8	1873.5	1817.3	1767.0	1730.7	1702.5	1674.5	1656.5
2168.3	15°	2088.7	2010.0	1931.3	1866.2	1801.1	1745.3	1716.2	1702.8	1689.4	1691.8
2181.9	17.5°	2095.1	2003.7	1912.3	1834.0	1755.7	1690.2	1672.2	1677.2	1682.1	1711.6
2192.6	20°	2097.1	1986.4	1875.6	1778.6	1681.5	1605.2	1600.5	1623.5	1646.5	1697.8
2206.9	22.5°	2099.8	1965.1	1830.4	1713.5	1596.6	1509.8	1519.1	1553.1	1587.2	1645.6
2232.9	25°	2110.5	1944.1	1777.8	1640.9	1504.0	1415.0	1440.1	1479.3	1518.6	1571.2
2273.5	27.5°	2132.9	1930.1	1727.4	1574.5	1421.6	1340.6	1371.0	1408.9	1446.8	1490.1
2326.1	30°	2163.5	1923.6	1683.5	1519.0	1354.4	1286.4	1310.3	1340.4	1370.6	1406.4
2381.0	32.5°	2189.9	1915.4	1640.9	1471.1	1301.3	1246.5	1257.1	1274.9	1292.7	1321.3
2443.6	35°	2209.2	1900.1	1591.2	1424.1	1257.0	1211.3	1206.9	1211.8	1216.7	1238.6
2513.6	37.5°	2220.7	1874.0	1527.2	1368.7	1210.3	1170.3	1154.2	1148.8	1143.4	1159.1
2602.6	40°	2228.0	1837.9	1447.9	1302.7	1157.5	1121.3	1096.6	1084.3	1072.0	1083.4
2718.9	42.5°	2241.7	1800.6	1359.7	1229.8	1099.8	1066.4	1035.3	1019.0	1002.8	1012.0
2872.0	45°	2265.9	1766.1	1266.3	1152.3	1038.3	1004.5	974.4	958.5	942.8	950.5
3035.1	47.5°	2282.5	1737.5	1192.5	1091.1	989.6	945.9	920.0	906.8	893.5	900.8
3186.5	50°	2271.6	1706.4	1141.1	1050.4	959.7	902.3	872.2	860.4	848.7	860.0
3284.8	52.5°	2205.0	1653.8	1102.6	1023.6	944.6	878.6	836.5	824.9	813.3	830.4
3263.1	55°	2067.2	1566.6	1066.0	1004.2	942.4	881.0	817.5	799.1	780.8	805.1
3110.7	57.5°	1862.4	1443.7	1024.8	981.1	937.5	883.3	806.2	779.4	752.6	778.7
2827.0	60°	1587.8	1284.0	980.3	945.9	911.6	875.9	795.5	760.8	726.0	748.9
2443.4	62.5°	1278.5	1093.0	907.6	884.8	862.0	857.6	783.0	739.6	696.2	710.7
2052.0	65°	*1007.7*	*921.2*	*834.6*	*823.8*	*813.1*	*813.6*	*756.8*	*710.6*	*664.4*	*670.0*
1668.7	67.5°	780.6	756.0	731.4	737.4	743.4	741.9	709.9	671.5	633.0	631.3
1313.8	70°	591.3	598.3	605.3	633.2	661.0	661.0	650.5	623.1	595.8	589.7
1004.4	72.5°	456.1	477.3	498.5	538.1	577.5	584.2	584.3	565.5	546.8	537.9
729.0	75°	354.1	373.4	392.6	436.9	481.1	511.7	509.2	494.7	480.2	471.7
494.0	77.5°	272.6	285.7	298.8	341.8	384.8	435.2	433.9	422.3	410.7	402.1
318.3	80°	204.4	209.8	215.2	251.7	288.0	348.3	348.1	338.4	328.6	321.4
195.8	82.5°	146.1	147.0	148.1	174.9	201.7	253.2	256.0	251.3	246.5	241.4
104.6	85°	88.3	87.9	87.3	106.9	126.6	164.8	168.5	163.5	158.4	152.6
43.4	87.5°	38.7	38.2	37.8	45.8	53.8	69.7	74.5	72.4	70.4	69.3
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

REPORT NUMBER: P947906
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CANDELA DISTRIBUTION (continued):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1764.0	0°	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0
1696.3	2.5°	1686.1	1675.8	1665.5	1655.3	1647.4	1639.4	1633.0	1626.6	1621.5	1616.5
1640.0	5°	1621.8	1603.7	1587.2	1570.7	1558.1	1545.3	1536.5	1527.6	1521.3	1515.0
1605.2	7.5°	1582.4	1559.5	1539.4	1519.3	1504.2	1489.1	1478.6	1468.0	1460.8	1453.6
1604.4	10°	1579.8	1555.1	1532.5	1509.8	1491.8	1473.7	1461.9	1450.0	1443.2	1436.3
1638.6	12.5°	1619.2	1600.0	1576.5	1553.1	1530.1	1507.1	1491.9	1476.6	1469.0	1461.4
1694.2	15°	1689.2	1684.2	1663.8	1643.5	1610.7	1578.0	1554.8	1531.7	1521.0	1510.5
1741.1	17.5°	1756.8	1772.4	1756.0	1739.6	1696.2	1652.8	1618.7	1584.6	1568.9	1553.1
1749.1	20°	1781.9	1814.7	1807.1	1799.5	1749.9	1700.3	1658.5	1616.7	1596.6	1576.5
1704.3	22.5°	1747.0	1789.7	1794.3	1798.8	1751.4	1704.1	1661.0	1617.9	1596.7	1575.4
1623.8	25°	1665.9	1707.9	1723.6	1739.3	1700.4	1661.6	1623.3	1585.1	1566.7	1548.4
1533.3	27.5°	1567.0	1600.7	1618.2	1635.7	1608.0	1580.4	1550.7	1521.0	1508.6	1496.3
1442.3	30°	1470.3	1498.3	1512.5	1526.7	1505.7	1484.5	1463.3	1441.9	1435.6	1429.2
1350.0	32.5°	1376.9	1403.7	1419.5	1435.3	1416.0	1396.5	1379.6	1362.6	1358.4	1354.3
1260.4	35°	1286.9	1313.5	1332.4	1351.4	1337.6	1323.9	1308.1	1292.5	1286.2	1280.0
1174.7	37.5°	1201.2	1227.7	1251.2	1274.6	1268.2	1261.8	1247.4	1232.9	1221.5	1210.1
1094.7	40°	1120.2	1145.8	1172.8	1199.8	1201.3	1202.8	1190.6	1178.3	1161.7	1145.2
1021.3	42.5°	1045.5	1069.8	1098.9	1128.0	1135.8	1143.6	1133.2	1123.0	1102.3	1081.7
958.3	45°	981.3	1004.4	1034.5	1064.7	1075.9	1087.1	1077.7	1068.5	1044.8	1021.3
908.0	47.5°	930.6	953.1	982.8	1012.6	1025.5	1038.3	1031.8	1025.3	1004.4	983.4
871.5	50°	892.7	913.9	940.6	967.3	983.8	1000.3	999.9	999.6	982.8	966.0
847.5	52.5°	867.0	886.4	911.2	936.1	955.7	975.3	978.8	982.3	968.6	954.9
829.3	55°	850.3	871.3	893.1	914.8	935.5	956.3	961.2	966.0	954.1	942.2
804.8	57.5°	829.5	854.1	875.6	897.2	918.1	939.0	943.9	948.9	936.8	924.8
771.8	60°	800.1	828.4	850.2	872.2	893.1	914.1	919.5	925.0	913.2	901.5
725.3	62.5°	758.2	791.3	814.6	838.0	857.2	876.4	881.6	886.9	876.2	865.6
675.5	65°	*710.9*	*746.3*	*768.6*	*790.9*	*807.9*	*824.8*	*830.1*	*835.4*	*825.2*	*815.0*
629.5	67.5°	662.1	694.8	716.0	737.1	751.7	766.4	771.6	776.7	767.3	758.0
583.6	70°	612.3	641.0	659.3	677.6	690.8	704.0	709.0	714.0	706.3	698.7
529.0	72.5°	551.6	574.1	590.6	607.2	620.1	633.0	639.0	644.9	638.6	632.2
463.1	75°	479.9	496.7	511.7	526.6	538.4	550.2	556.4	562.6	559.5	556.4
393.4	77.5°	407.1	420.7	433.5	446.4	458.8	471.1	476.9	482.8	478.4	474.0
314.1	80°	325.4	336.7	347.6	358.4	367.8	377.2	384.9	392.6	390.7	388.9
236.2	82.5°	235.3	234.3	230.5	226.8	246.8	266.8	280.0	293.1	292.3	291.4
146.9	85°	142.0	137.1	126.6	116.1	134.8	153.7	169.9	186.1	184.8	183.4
68.2	87.5°	68.0	67.8	59.8	51.8	59.6	67.6	74.1	80.7	79.1	77.3
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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1764.0	0°	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0
1611.9	2.5°	1607.3	1601.5	1607.3	1611.9	1616.5	1621.5	1626.6	1633.0	1639.4	1647.4
1510.2	5°	1505.4	1500.7	1505.4	1510.2	1515.0	1521.3	1527.6	1536.5	1545.3	1558.1
1449.3	7.5°	1445.0	1441.8	1445.0	1449.3	1453.6	1460.8	1468.0	1478.6	1489.1	1504.2
1432.7	10°	1429.0	1427.5	1429.0	1432.7	1436.3	1443.2	1450.0	1461.9	1473.7	1491.8
1458.3	12.5°	1455.2	1454.6	1455.2	1458.3	1461.4	1469.0	1476.6	1491.9	1507.1	1530.1
1506.4	15°	1502.3	1502.0	1502.3	1506.4	1510.5	1521.0	1531.7	1554.8	1578.0	1610.7
1548.0	17.5°	1542.8	1541.9	1542.8	1548.0	1553.1	1568.9	1584.6	1618.7	1652.8	1696.2
1570.0	20°	1563.6	1561.6	1563.6	1570.0	1576.5	1596.6	1616.7	1658.5	1700.3	1749.9
1568.3	22.5°	1561.2	1558.2	1561.2	1568.3	1575.4	1596.7	1617.9	1661.0	1704.1	1751.4
1541.7	25°	1535.0	1531.1	1535.0	1541.7	1548.4	1566.7	1585.1	1623.3	1661.6	1700.4
1493.2	27.5°	1490.2	1489.1	1490.2	1493.2	1496.3	1508.6	1521.0	1550.7	1580.4	1608.0
1429.2	30°	1429.2	1430.3	1429.2	1429.2	1429.2	1435.6	1441.9	1463.3	1484.5	1505.7
1354.9	32.5°	1355.5	1356.5	1355.5	1354.9	1354.3	1358.4	1362.6	1379.6	1396.5	1416.0
1278.6	35°	1277.3	1276.6	1277.3	1278.6	1280.0	1286.2	1292.5	1308.1	1323.9	1337.6
1204.1	37.5°	1198.1	1194.7	1198.1	1204.1	1210.1	1221.5	1232.9	1247.4	1261.8	1268.2
1133.9	40°	1122.8	1116.2	1122.8	1133.9	1145.2	1161.7	1178.3	1190.6	1202.8	1201.3
1065.3	42.5°	1049.0	1038.3	1049.0	1065.3	1081.7	1102.3	1123.0	1133.2	1143.6	1135.8
1002.1	45°	983.0	970.7	983.0	1002.1	1021.3	1044.8	1068.5	1077.7	1087.1	1075.9
965.6	47.5°	948.0	936.1	948.0	965.6	983.4	1004.4	1025.3	1031.8	1038.3	1025.5
949.7	50°	933.3	921.9	933.3	949.7	966.0	982.8	999.6	999.9	1000.3	983.8
940.3	52.5°	925.6	915.1	925.6	940.3	954.9	968.6	982.3	978.8	975.3	955.7
929.4	55°	916.5	907.0	916.5	929.4	942.2	954.1	966.0	961.2	956.3	935.5
912.0	57.5°	899.2	889.4	899.2	912.0	924.8	936.8	948.9	943.9	939.0	918.1
888.3	60°	875.2	865.1	875.2	888.3	901.5	913.2	925.0	919.5	914.1	893.1
851.8	62.5°	838.0	825.8	838.0	851.8	865.6	876.2	886.9	881.6	876.4	857.2
801.6	65°	*788.2*	*777.7*	*788.2*	*801.6*	*815.0*	*825.2*	*835.4*	*830.1*	*824.8*	*807.9*
745.5	67.5°	733.1	723.6	733.1	745.5	758.0	767.3	776.7	771.6	766.4	751.7
686.8	70°	674.9	664.0	674.9	686.8	698.7	706.3	714.0	709.0	704.0	690.8
620.8	72.5°	609.5	599.0	609.5	620.8	632.2	638.6	644.9	639.0	633.0	620.1
546.9	75°	537.3	527.3	537.3	546.9	556.4	559.5	562.6	556.4	550.2	538.4
464.3	77.5°	454.7	446.7	454.7	464.3	474.0	478.4	482.8	476.9	471.1	458.8
375.9	80°	362.9	347.9	362.9	375.9	388.9	390.7	392.6	384.9	377.2	367.8
280.5	82.5°	269.5	259.9	269.5	280.5	291.4	292.3	293.1	280.0	266.8	246.8
174.9	85°	166.4	157.7	166.4	174.9	183.4	184.8	186.1	169.9	153.7	134.8
73.0	87.5°	68.5	64.3	68.5	73.0	77.3	79.1	80.7	74.1	67.6	59.6
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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1764.0	0°	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0
1655.3	2.5°	1665.5	1675.8	1686.1	1696.3	1707.9	1719.6	1732.6	1745.5	1761.6	1776.0
1570.7	5°	1587.2	1603.7	1621.8	1640.0	1660.5	1681.0	1705.6	1730.1	1758.2	1786.6
1519.3	7.5°	1539.4	1559.5	1582.4	1605.2	1632.3	1659.4	1691.9	1724.6	1760.9	1799.7
1509.8	10°	1532.5	1555.1	1579.8	1604.4	1631.4	1658.5	1692.9	1727.3	1766.3	1814.2
1553.1	12.5°	1576.5	1600.0	1619.2	1638.6	1656.5	1674.5	1702.5	1730.7	1767.0	1817.3
1643.5	15°	1663.8	1684.2	1689.2	1694.2	1691.8	1689.4	1702.8	1716.2	1745.3	1801.1
1739.6	17.5°	1756.0	1772.4	1756.8	1741.1	1711.6	1682.1	1677.2	1672.2	1690.2	1755.7
1799.5	20°	1807.1	1814.7	1781.9	1749.1	1697.8	1646.5	1623.5	1600.5	1605.2	1681.5
1798.8	22.5°	1794.3	1789.7	1747.0	1704.3	1645.6	1587.2	1553.1	1519.1	1509.8	1596.6
1739.3	25°	1723.6	1707.9	1665.9	1623.8	1571.2	1518.6	1479.3	1440.1	1415.0	1504.0
1635.7	27.5°	1618.2	1600.7	1567.0	1533.3	1490.1	1446.8	1408.9	1371.0	1340.6	1421.6
1526.7	30°	1512.5	1498.3	1470.3	1442.3	1406.4	1370.6	1340.4	1310.3	1286.4	1354.4
1435.3	32.5°	1419.5	1403.7	1376.9	1350.0	1321.3	1292.7	1274.9	1257.1	1246.5	1301.3
1351.4	35°	1332.4	1313.5	1286.9	1260.4	1238.6	1216.7	1211.8	1206.9	1211.3	1257.0
1274.6	37.5°	1251.2	1227.7	1201.2	1174.7	1159.1	1143.4	1148.8	1154.2	1170.3	1210.3
1199.8	40°	1172.8	1145.8	1120.2	1094.7	1083.4	1072.0	1084.3	1096.6	1121.3	1157.5
1128.0	42.5°	1098.9	1069.8	1045.5	1021.3	1012.0	1002.8	1019.0	1035.3	1066.4	1099.8
1064.7	45°	1034.5	1004.4	981.3	958.3	950.5	942.8	958.5	974.4	1004.5	1038.3
1012.6	47.5°	982.8	953.1	930.6	908.0	900.8	893.5	906.8	920.0	945.9	989.6
967.3	50°	940.6	913.9	892.7	871.5	860.0	848.7	860.4	872.2	902.3	959.7
936.1	52.5°	911.2	886.4	867.0	847.5	830.4	813.3	824.9	836.5	878.6	944.6
914.8	55°	893.1	871.3	850.3	829.3	805.1	780.8	799.1	817.5	881.0	942.4
897.2	57.5°	875.6	854.1	829.5	804.8	778.7	752.6	779.4	806.2	883.3	937.5
872.2	60°	850.2	828.4	800.1	771.8	748.9	726.0	760.8	795.5	875.9	911.6
838.0	62.5°	814.6	791.3	758.2	725.3	710.7	696.2	739.6	783.0	857.6	862.0
790.9	65°	*768.6*	*746.3*	*710.9*	*675.5*	*670.0*	*664.4*	*710.6*	*756.8*	*813.6*	*813.1*
737.1	67.5°	716.0	694.8	662.1	629.5	631.3	633.0	671.5	709.9	741.9	743.4
677.6	70°	659.3	641.0	612.3	583.6	589.7	595.8	623.1	650.5	661.0	661.0
607.2	72.5°	590.6	574.1	551.6	529.0	537.9	546.8	565.5	584.3	584.2	577.5
526.6	75°	511.7	496.7	479.9	463.1	471.7	480.2	494.7	509.2	511.7	481.1
446.4	77.5°	433.5	420.7	407.1	393.4	402.1	410.7	422.3	433.9	435.2	384.8
358.4	80°	347.6	336.7	325.4	314.1	321.4	328.6	338.4	348.1	348.3	288.0
226.8	82.5°	230.5	234.3	235.3	236.2	241.4	246.5	251.3	256.0	253.2	201.7
116.1	85°	126.6	137.1	142.0	146.9	152.6	158.4	163.5	168.5	164.8	126.6
51.8	87.5°	59.8	67.8	68.0	68.2	69.3	70.4	72.4	74.5	69.7	53.8
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):

325°		330°	335°	340°	345°	350°	355°	360°
1764.0	0°	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0	1764.0
1790.9	2.5°	1805.8	1821.4	1836.9	1852.4	1867.9	1882.4	1897.0
1816.8	5°	1846.9	1879.1	1911.4	1943.4	1975.5	2007.6	2039.8
1841.7	7.5°	1883.8	1931.5	1979.2	2028.2	2077.2	2130.2	2183.3
1864.0	10°	1913.7	1971.7	2029.6	2094.3	2159.1	2226.2	2293.3
1873.5	12.5°	1929.8	1998.2	2066.5	2139.9	2213.3	2286.9	2360.6
1866.2	15°	1931.3	2010.0	2088.7	2168.3	2247.9	2324.8	2401.6
1834.0	17.5°	1912.3	2003.7	2095.1	2181.9	2268.8	2346.7	2424.6
1778.6	20°	1875.6	1986.4	2097.1	2192.6	2288.0	2369.0	2450.0
1713.5	22.5°	1830.4	1965.1	2099.8	2206.9	2313.9	2396.7	2479.4
1640.9	25°	1777.8	1944.1	2110.5	2232.9	2355.2	2436.2	2517.3
1574.5	27.5°	1727.4	1930.1	2132.9	2273.5	2414.1	2491.5	2568.8
1519.0	30°	1683.5	1923.6	2163.5	2326.1	2488.8	2563.4	2638.2
1471.1	32.5°	1640.9	1915.4	2189.9	2381.0	2572.2	2646.1	2720.1
1424.1	35°	1591.2	1900.1	2209.2	2443.6	2677.9	2748.8	2819.6
1368.7	37.5°	1527.2	1874.0	2220.7	2513.6	2806.5	2896.8	2987.1
1302.7	40°	1447.9	1837.9	2228.0	2602.6	2977.1	3108.7	3240.2
1229.8	42.5°	1359.7	1800.6	2241.7	2718.9	3196.1	3386.0	3576.0
1152.3	45°	1266.3	1766.1	2265.9	2872.0	3478.2	3734.4	3990.6
1091.1	47.5°	1192.5	1737.5	2282.5	3035.1	3787.8	4148.5	4509.1
1050.4	50°	1141.1	1706.4	2271.6	3186.5	4101.4	4645.1	5188.7
1023.6	52.5°	1102.6	1653.8	2205.0	3284.8	4364.5	5166.7	5968.8
1004.2	55°	1066.0	1566.6	2067.2	3263.1	4459.0	5629.1	6799.3
981.1	57.5°	1024.8	1443.7	1862.4	3110.7	4359.0	5956.9	7554.7
945.9	60°	980.3	1284.0	1587.8	2827.0	4066.2	6038.8	8011.3
884.8	62.5°	907.6	1093.0	1278.5	2443.4	3608.3	5693.9	7779.4
823.8	65°	*834.6*	*921.2*	*1007.7*	*2052.0*	*3096.4*	*5205.9*	*7315.4*
737.4	67.5°	731.4	756.0	780.6	1668.7	2556.7	4625.2	6693.7
633.2	70°	605.3	598.3	591.3	1313.8	2036.4	3991.6	5946.8
538.1	72.5°	498.5	477.3	456.1	1004.4	1552.8	3304.7	5056.7
436.9	75°	392.6	373.4	354.1	729.0	1103.9	2517.3	3930.7
341.8	77.5°	298.8	285.7	272.6	494.0	715.3	1761.9	2808.4
251.7	80°	215.2	209.8	204.4	318.3	432.2	1135.1	1838.1
174.9	82.5°	148.1	147.0	146.1	195.8	245.6	657.0	1068.5
106.9	85°	87.3	87.9	88.3	104.6	121.0	295.5	470.1
45.8	87.5°	37.8	38.2	38.7	43.4	48.1	96.8	145.5
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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