

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: INVUE

Report Number: P181037

Luminaire Tested: **ICS-E03-LED-E1-SLL-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181037
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-E03-LED-E1-SLL-7030
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (63) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6862 lumens
Efficiency: N/A
Efficacy: 91.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 75.2
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: 25 FT



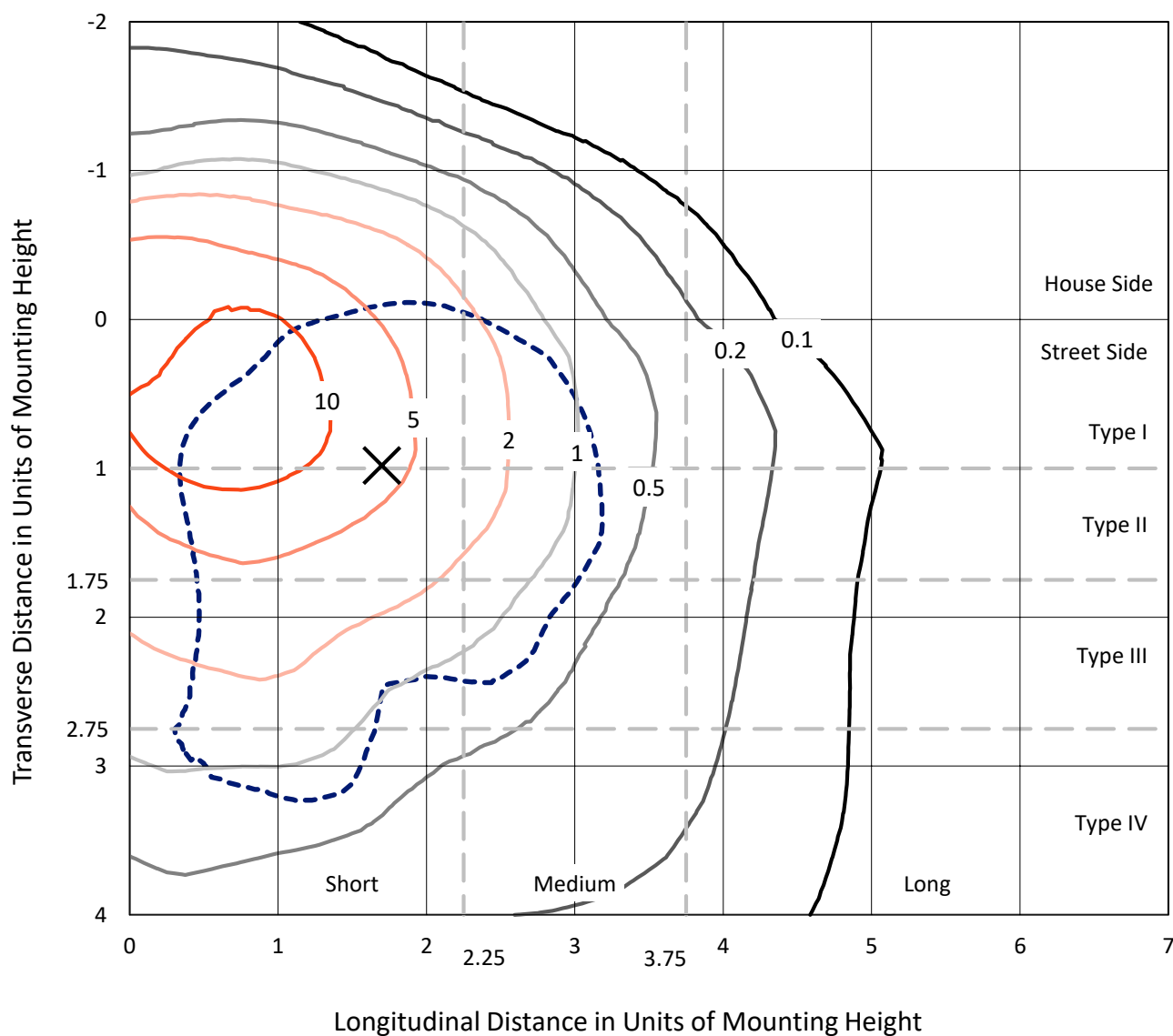
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

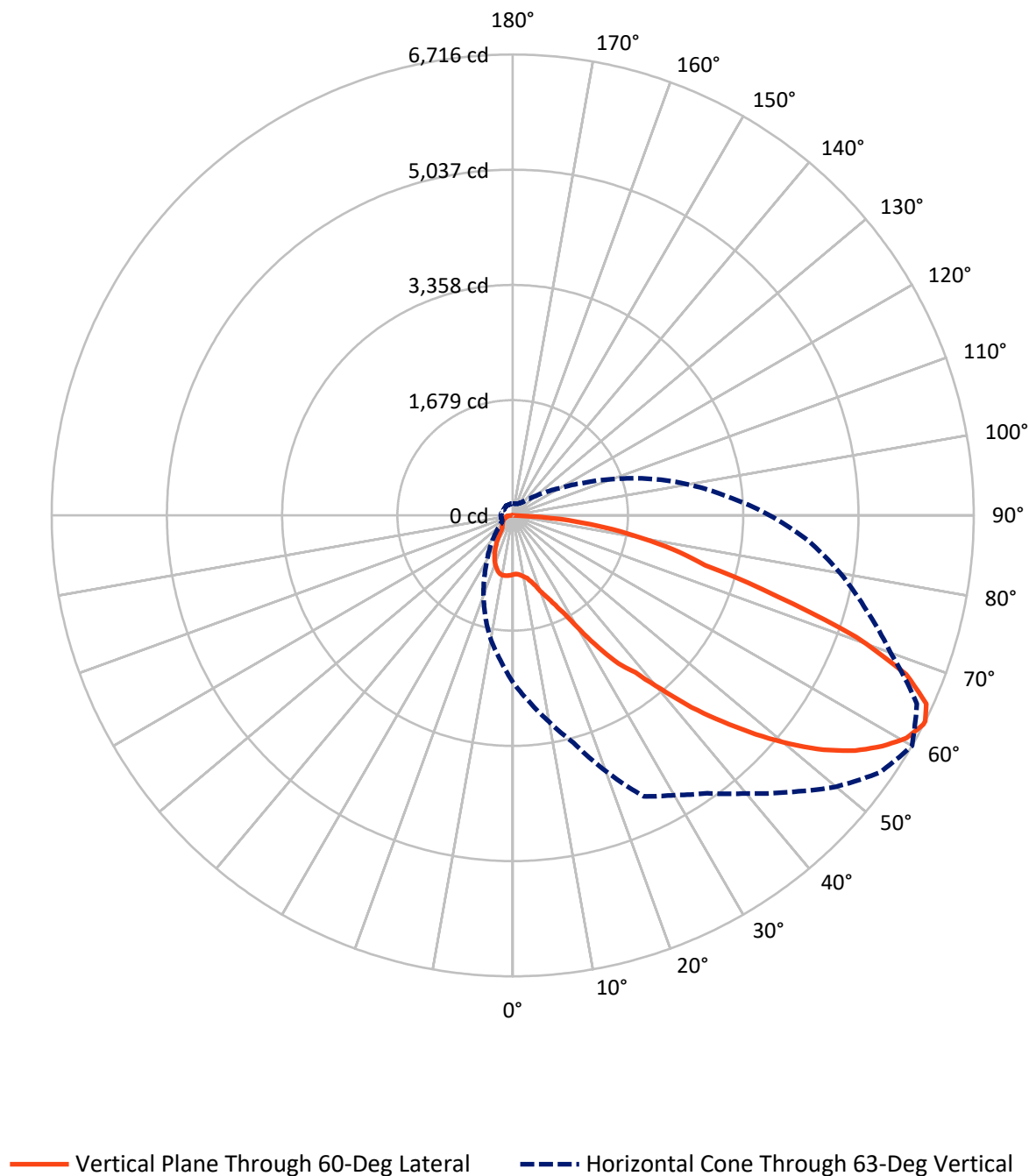


Based on 10 foot mounting height. Maximum calculated value = 17 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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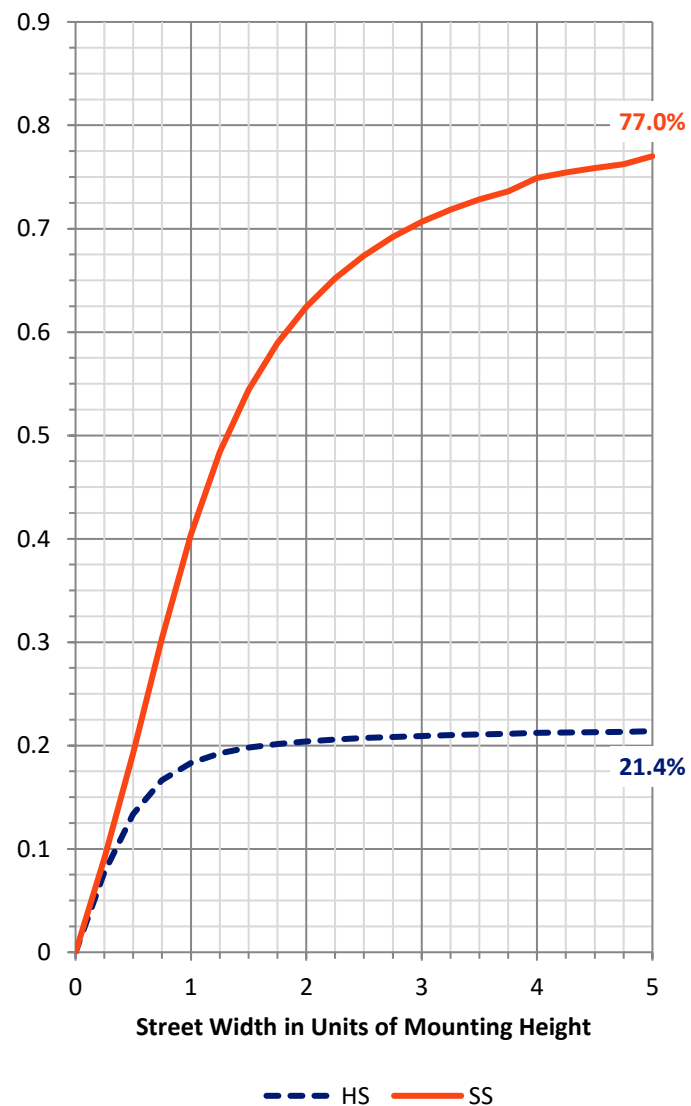
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1488.0	0.0	1488.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	5374.0	0.0	5374.0
	% Fixture	78.3	0.0	78.3
Total	Lumens	6862.0	0.0	6862.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.9	1.2
10°-20°	261.4	3.8
20°-30°	464.5	6.8
30°-40°	731.4	10.7
40°-50°	1076.4	15.7
50°-60°	1429.8	20.8
60°-70°	1574.9	23.0
70°-80°	988.1	14.4
80°-90°	251.7	3.7
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°	6862.0	100.0
0°-180°	6862.0	100.0

Coefficient of Utilization



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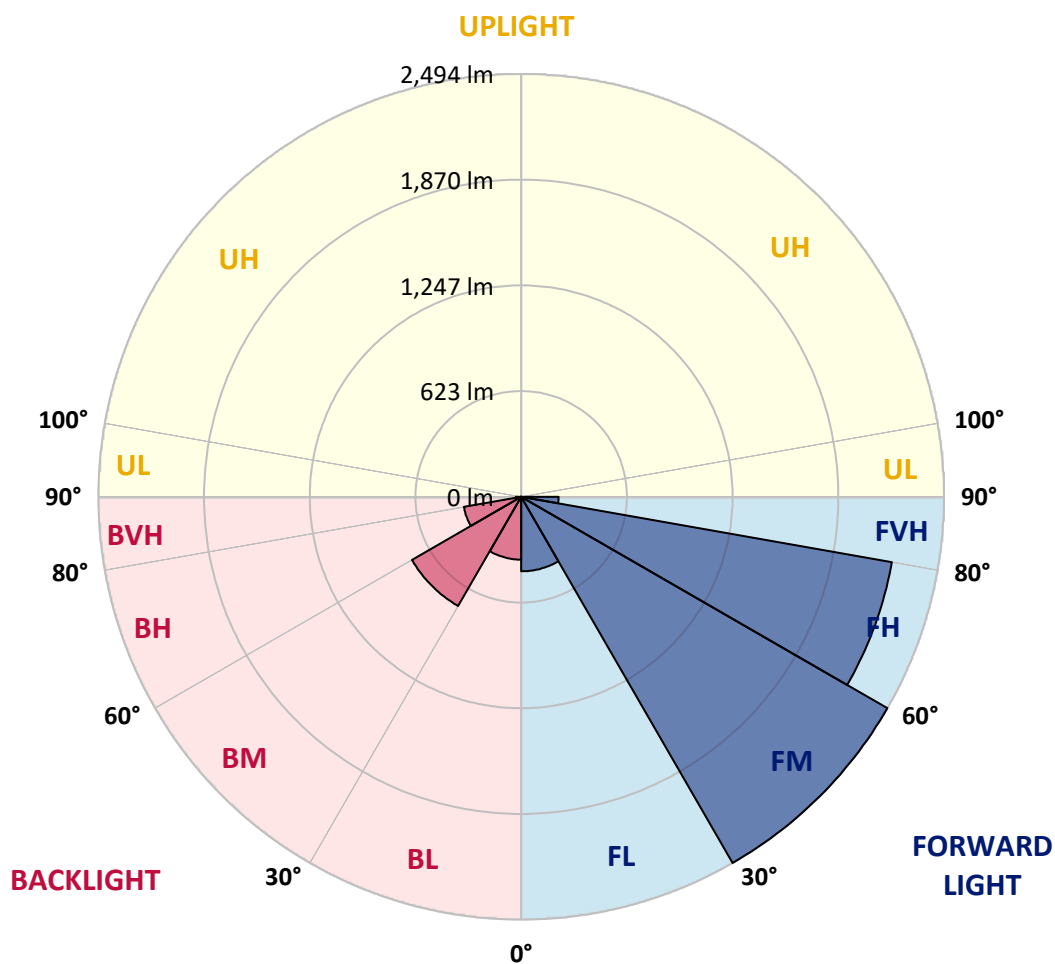
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	439.4	6.4			
FM	(30°-60°)	2493.8	36.3			
FH	(60°-80°)	2220.0	32.4			G2/5000
FVH	(80°-90°)	220.8	3.2			G2/225
BL	(0°-30°)	370.5	5.4	B1/500		
BM	(30°-60°)	743.7	10.8	B1/1000		
BH	(60°-80°)	343.0	5.0	B1/500		G1/500
BVH	(80°-90°)	30.8	0.4			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°	50°
0°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3
2.5°	850.8	852.5	852.5	851.7	851.7	853.3	852.5	851.7	849.2	852.5	852.5
5°	844.3	845.9	845.9	847.5	849.2	850.8	850.8	852.5	851.7	854.9	857.4
7.5°	852.5	854.1	857.4	861.5	864.0	869.7	869.7	873.8	875.5	878.0	877.1
10°	863.2	867.3	874.7	881.2	886.2	892.8	897.7	903.4	903.4	905.9	907.6
12.5°	882.1	886.2	894.4	902.6	910.0	918.2	925.6	931.4	937.1	938.8	942.1
15°	913.3	918.2	930.6	942.1	951.1	961.8	971.7	983.2	993.9	996.3	998.0
17.5°	960.2	970.0	979.1	999.6	1012.8	1026.8	1042.4	1058.8	1062.1	1079.4	1083.5
20°	1026.8	1039.1	1047.3	1072.8	1095.0	1113.1	1136.1	1155.0	1162.4	1178.8	1195.3
22.5°	1141.8	1139.4	1151.7	1177.2	1193.6	1229.8	1249.5	1269.3	1279.1	1303.8	1316.9
25°	1296.4	1309.5	1336.7	1339.1	1354.8	1396.7	1422.2	1441.9	1442.7	1450.1	1464.1
27.5°	1448.5	1502.7	1545.5	1568.5	1610.4	1649.1	1647.4	1675.4	1631.8	1640.8	1654.0
30°	1632.6	1723.0	1803.6	1857.9	1900.6	1945.8	1968.0	1983.6	1964.7	1956.5	1940.9
32.5°	1805.2	1931.8	2056.0	2152.2	2231.9	2306.7	2356.0	2378.2	2404.5	2471.1	2495.0
35°	1923.6	2102.8	2257.4	2396.3	2529.5	2648.7	2735.0	2784.3	2765.4	2756.4	2751.4
37.5°	1994.3	2213.0	2406.2	2602.6	2755.5	2933.9	3067.9	3197.8	3227.4	3175.6	3150.1
40°	2038.7	2297.7	2545.9	2777.7	2975.9	3206.0	3372.1	3566.9	3714.9	3734.6	3673.8
42.5°	2060.1	2354.4	2643.7	2906.0	3174.0	3455.9	3666.4	3902.3	4123.5	4275.5	4237.7
45°	2063.4	2391.4	2715.3	3021.9	3340.9	3675.4	3946.7	4208.1	4504.1	4764.7	4772.1
47.5°	2063.4	2419.3	2764.6	3105.7	3490.5	3866.1	4162.1	4471.2	4833.7	5142.0	5236.5
50°	2065.0	2438.2	2810.6	3171.5	3604.7	4027.3	4361.9	4726.8	5108.3	5443.7	5626.2
52.5°	2072.4	2452.2	2846.8	3218.4	3678.7	4140.7	4517.2	4938.1	5317.9	5662.3	5898.3
55°	2088.9	2471.9	2873.1	3247.1	3728.0	4214.7	4629.8	5082.8	5453.5	5802.9	6132.6
57.5°	2134.9	2506.5	2905.2	3272.6	3755.2	4263.2	4708.8	5145.3	5505.3	5869.5	6256.7
60°	2227.0	2579.6	2960.2	3323.6	3800.4	4352.8	4746.6	5103.3	5467.5	5849.8	6284.6
62.5°	2374.1	2693.9	3036.7	3409.9	3929.4	4491.7	4717.8	4978.4	5318.7	5735.5	6185.2
63°	2425.1	2718.6	3054.0	3428.8	3964.8	4517.2	4705.5	4941.4	5288.3	5699.3	6149.8
65°	2567.3	2827.9	3136.2	3524.2	4110.3	4542.7	4609.3	4749.0	5077.9	5493.0	5941.0
67.5°	2832.8	3093.4	3312.9	3685.3	4232.8	4442.4	4310.9	4328.1	4671.8	5101.7	5504.5
70°	3000.5	3311.3	3425.5	3705.8	4210.6	4293.6	3924.5	3696.0	3971.4	4461.3	4814.0
72.5°	2956.9	3313.7	3301.4	3432.1	3766.7	3844.0	3461.7	3101.6	3265.2	3631.0	3859.6
75°	2532.8	2959.4	2869.0	2842.7	2960.2	3011.2	2724.3	2669.2	2875.6	3078.6	3081.9
77.5°	1823.3	2292.7	2186.7	2034.6	2026.4	2143.9	2182.6	2543.5	2848.4	3008.7	2938.0
80°	1161.6	1670.4	1560.3	1294.7	1290.6	1443.5	1783.0	2273.8	2596.9	2686.5	2502.4
82.5°	606.7	1093.3	1135.3	971.7	1112.2	1365.4	1696.7	1832.4	1954.9	1967.2	1750.2
85°	378.1	672.4	790.8	816.3	1004.6	1210.9	1208.4	1160.7	1106.5	947.0	856.6
87.5°	42.7	84.7	128.2	121.7	163.6	229.4	286.1	167.7	117.6	42.7	59.2
90°	0.0	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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3
2.5°	854.1	854.9	855.8	855.8	859.9	859.1	859.9	861.5	864.0	865.6	867.3
5°	860.7	860.7	864.0	866.5	871.4	874.7	876.3	881.2	887.0	885.4	890.3
7.5°	882.1	881.2	884.5	886.2	890.3	896.0	895.2	899.3	904.3	905.9	910.0
10°	910.8	908.4	908.4	906.7	907.6	905.9	905.9	905.9	909.2	908.4	911.7
12.5°	940.4	939.6	938.0	933.0	933.0	926.5	923.2	919.1	918.2	912.5	913.3
15°	1001.3	1001.3	998.0	988.1	979.9	974.1	965.9	960.2	951.9	941.3	935.5
17.5°	1090.1	1078.5	1074.4	1072.8	1059.6	1054.7	1036.6	1017.7	1008.7	993.9	985.6
20°	1198.6	1196.1	1179.7	1171.4	1155.0	1132.0	1109.0	1084.3	1069.5	1051.4	1041.6
22.5°	1321.1	1303.0	1294.7	1282.4	1256.9	1230.6	1196.1	1163.2	1140.2	1127.9	1120.5
25°	1464.1	1446.0	1437.8	1421.3	1390.1	1362.2	1319.4	1280.8	1260.2	1239.7	1228.2
27.5°	1654.0	1636.7	1626.9	1584.1	1573.4	1527.4	1474.8	1422.2	1395.0	1364.6	1344.9
30°	1937.6	1938.4	1887.4	1835.7	1782.2	1702.5	1647.4	1588.2	1543.8	1500.3	1456.7
32.5°	2416.9	2294.4	2199.8	2088.9	1972.9	1888.3	1820.0	1749.3	1687.7	1624.4	1552.0
35°	2709.5	2650.3	2527.8	2324.8	2208.1	2105.3	2029.7	1944.2	1868.5	1756.7	1646.6
37.5°	3040.0	2902.7	2753.9	2641.3	2508.9	2389.7	2263.1	2166.1	2035.4	1885.0	1728.8
40°	3522.5	3326.1	3146.8	2995.6	2824.6	2699.6	2558.3	2417.7	2244.2	2026.4	1811.8
42.5°	4026.4	3823.4	3586.6	3390.2	3188.8	3042.4	2867.3	2670.1	2415.2	2145.6	1883.3
45°	4555.0	4283.8	4000.1	3760.1	3550.5	3368.8	3151.8	2890.4	2579.6	2252.4	1949.9
47.5°	5076.2	4764.7	4426.8	4168.7	3895.7	3673.8	3407.4	3077.0	2707.9	2353.6	2016.5
50°	5535.8	5235.7	4828.8	4500.8	4224.6	3950.8	3618.7	3220.8	2809.0	2440.7	2076.5
52.5°	5932.0	5673.9	5245.6	4831.2	4513.1	4205.7	3788.9	3336.7	2910.9	2521.3	2125.8
55°	6223.0	6051.2	5656.6	5142.8	4767.1	4400.5	3932.7	3448.5	3007.1	2585.4	2157.9
57.5°	6442.5	6347.1	6008.4	5436.3	5000.6	4589.6	4081.5	3582.5	3102.5	2640.5	2172.7
60°	6562.5	6588.8	6274.8	5692.8	5206.9	4747.4	4230.3	3696.8	3173.2	2672.5	2164.5
62.5°	6551.0	6712.1	6474.5	5850.6	5326.9	4841.1	4330.6	3750.2	3163.3	2621.5	2089.7
63°	6528.8	6716.2	6496.7	5861.3	5334.3	4844.4	4333.1	3742.8	3142.7	2596.9	2060.1
65°	6337.3	6621.7	6477.8	5812.8	5268.6	4782.7	4281.3	3636.0	2998.1	2464.5	1908.0
67.5°	5824.3	6180.2	6139.1	5470.0	4957.0	4527.9	4016.6	3291.5	2640.5	2139.0	1617.0
70°	4976.8	5311.3	5318.7	4757.3	4329.0	3908.1	3483.1	2678.3	2093.0	1658.1	1206.0
72.5°	3814.4	4029.7	4104.5	3734.6	3447.7	3151.8	2770.3	1944.2	1492.0	1127.9	785.1
75°	2953.7	2894.5	2893.7	2737.5	2620.7	2476.0	2056.8	1312.0	979.9	733.3	480.1
77.5°	2655.3	2392.2	2137.4	1949.9	1856.2	1807.7	1349.0	790.8	577.9	421.7	276.2
80°	2190.0	1802.0	1455.9	1253.6	1173.1	1229.0	752.2	427.5	316.5	240.0	179.2
82.5°	1510.1	1253.6	952.8	789.2	677.4	708.6	384.7	218.7	146.3	134.0	111.0
85°	786.7	689.7	582.0	499.8	441.4	388.0	199.8	104.4	60.8	53.4	48.5
87.5°	0.0	0.8	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	0.0

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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3
2.5°	869.7	868.9	870.6	871.4	873.8	875.5	876.3	874.7	877.1	879.6	878.0
5°	892.8	898.5	899.3	901.8	901.8	906.7	906.7	906.7	905.9	906.7	905.1
7.5°	912.5	919.9	920.7	924.0	924.8	930.6	928.1	929.7	929.7	925.6	924.0
10°	915.0	922.4	926.5	930.6	936.3	943.7	943.7	947.8	947.8	944.5	943.7
12.5°	915.8	921.5	925.6	931.4	939.6	950.3	956.1	961.8	964.3	963.5	961.0
15°	933.0	933.0	933.9	938.8	944.5	957.7	965.9	972.5	976.6	975.0	970.9
17.5°	978.3	971.7	966.7	958.5	960.2	966.7	971.7	977.4	978.3	976.6	970.0
20°	1030.9	1022.6	1010.3	997.2	990.6	985.6	982.4	982.4	979.9	971.7	961.0
22.5°	1105.7	1095.0	1077.7	1058.0	1044.8	1029.2	1010.3	992.2	972.5	952.8	929.7
25°	1209.3	1194.5	1176.4	1146.0	1118.0	1085.1	1046.5	1006.2	959.3	918.2	884.5
27.5°	1313.7	1280.8	1233.9	1192.0	1140.2	1090.9	1035.8	986.5	926.5	877.1	840.1
30°	1400.0	1337.5	1270.1	1203.5	1135.3	1068.7	1002.9	943.7	878.0	827.8	791.6
32.5°	1466.6	1380.2	1286.5	1199.4	1115.5	1034.2	958.5	892.8	826.2	774.4	735.7
35°	1528.2	1408.2	1289.0	1181.3	1077.7	993.0	907.6	836.0	765.3	711.1	669.2
37.5°	1574.2	1421.3	1274.2	1147.6	1028.4	933.9	846.7	773.6	701.2	642.0	594.3
40°	1603.8	1413.1	1242.1	1099.1	970.0	870.6	781.8	706.1	636.3	571.3	513.8
42.5°	1627.7	1402.4	1210.1	1054.7	924.0	815.5	724.2	642.9	572.2	501.5	438.2
45°	1663.0	1410.7	1196.1	1023.5	882.9	768.6	668.3	583.7	509.7	440.6	379.8
47.5°	1697.6	1414.8	1175.5	984.8	831.1	720.1	618.2	536.0	460.4	397.1	341.2
50°	1728.8	1412.3	1143.5	935.5	781.0	671.6	573.0	490.8	416.0	357.6	305.0
52.5°	1743.6	1398.3	1104.0	887.8	740.7	628.9	528.6	448.8	374.9	319.8	271.3
55°	1741.9	1362.2	1052.2	842.6	696.3	583.7	485.0	406.1	339.5	288.5	246.6
57.5°	1717.3	1306.3	997.2	792.5	637.9	527.8	434.0	357.6	301.7	258.9	223.6
60°	1665.5	1234.7	924.8	719.3	564.8	458.7	370.7	305.0	259.8	226.9	203.9
62.5°	1568.5	1132.0	834.4	617.4	466.1	369.1	292.7	249.9	216.2	196.5	185.8
63°	1539.7	1104.0	795.8	592.7	443.1	348.6	276.2	231.8	207.2	189.9	180.0
65°	1396.7	966.7	665.9	478.4	344.4	268.8	222.0	188.3	173.5	166.1	165.2
67.5°	1131.2	760.4	471.0	328.0	234.3	194.0	170.2	156.2	149.6	148.0	149.6
70°	794.1	480.1	299.2	217.8	173.5	156.2	145.5	139.8	135.6	136.5	138.1
72.5°	506.4	287.7	205.5	165.2	146.3	137.3	132.4	130.7	129.9	129.1	129.1
75°	288.5	191.5	157.8	143.0	133.2	125.8	121.7	120.0	120.8	121.7	120.0
77.5°	190.7	157.8	140.6	130.7	121.7	113.4	111.0	110.2	111.8	113.4	113.4
80°	150.4	140.6	130.7	120.8	106.0	100.3	101.9	102.8	101.9	102.8	100.3
82.5°	106.0	104.4	106.9	102.8	88.0	83.0	81.4	82.2	80.6	80.6	78.9
85°	49.3	49.3	51.8	51.8	50.1	51.0	55.1	60.0	62.5	60.0	56.7
87.5°	0.0	0.0	0.0	0.0	0.0	7.4	14.8	21.4	23.0	28.8	28.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P181037

CATALOG NUMBER: ICS-E03-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3
2.5°	875.5	877.1	876.3	875.5	877.1	875.5	876.3	875.5	875.5	874.7	874.7
5°	903.4	905.9	901.0	900.2	898.5	894.4	894.4	892.8	892.8	889.5	887.0
7.5°	921.5	922.4	918.2	917.4	913.3	909.2	905.9	902.6	901.8	899.3	894.4
10°	938.8	937.1	933.9	929.7	925.6	919.9	915.8	911.7	910.8	906.7	901.0
12.5°	953.6	952.8	946.2	942.1	935.5	929.7	924.8	919.9	917.4	912.5	904.3
15°	963.5	958.5	950.3	942.9	935.5	928.9	923.2	917.4	915.0	909.2	901.0
17.5°	959.3	950.3	939.6	930.6	920.7	912.5	907.6	901.8	897.7	894.4	882.9
20°	944.5	931.4	915.0	904.3	891.1	880.4	877.1	871.4	868.1	855.8	841.0
22.5°	905.9	887.0	866.5	850.8	836.0	825.3	817.1	811.4	803.2	795.8	772.7
25°	857.4	836.0	814.7	795.8	776.0	759.6	744.8	730.8	726.7	711.1	688.9
27.5°	810.6	786.7	765.3	743.1	717.7	697.1	671.6	651.9	638.7	622.3	601.7
30°	760.4	736.6	707.8	678.2	648.6	626.4	597.6	573.8	557.4	540.1	521.2
32.5°	697.1	668.3	633.8	600.9	573.8	547.5	518.7	495.7	479.3	463.6	445.6
35°	624.8	587.0	550.0	513.8	485.0	462.8	437.3	420.1	408.6	394.6	375.7
37.5°	541.7	499.0	459.5	431.6	406.1	384.7	366.6	356.0	343.6	336.2	324.7
40°	457.9	416.0	377.3	351.8	330.5	318.1	308.3	305.8	297.6	287.7	280.3
42.5°	383.9	343.6	305.8	285.3	271.3	268.0	263.1	263.1	258.9	251.6	246.6
45°	333.8	291.8	258.9	244.2	236.8	235.9	233.5	233.5	232.6	229.4	223.6
47.5°	297.6	259.8	234.3	225.2	223.6	222.0	219.5	218.7	217.8	215.4	212.1
50°	264.7	232.6	216.2	212.1	212.9	210.4	208.0	205.5	204.7	202.2	198.9
52.5°	234.3	211.3	200.6	198.1	198.1	198.1	196.5	196.5	194.8	194.0	190.7
55°	217.0	199.8	194.0	193.2	192.4	191.5	189.9	189.9	188.3	187.4	183.3
57.5°	202.2	191.5	188.3	186.6	185.8	184.1	183.3	183.3	183.3	183.3	178.4
60°	190.7	185.8	185.0	183.3	182.5	179.2	177.6	176.7	177.6	178.4	173.5
62.5°	178.4	177.6	176.7	175.1	174.3	171.0	168.5	166.9	168.5	170.2	169.3
63°	175.1	174.3	174.3	173.5	172.6	168.5	166.1	164.4	166.1	167.7	167.7
65°	163.6	164.4	164.4	163.6	162.8	160.3	157.0	155.4	156.2	158.7	159.5
67.5°	151.3	152.1	151.3	152.1	151.3	149.6	147.1	145.5	144.7	145.5	146.3
70°	139.8	141.4	140.6	139.8	138.9	138.9	137.3	134.8	134.0	133.2	133.2
72.5°	129.9	129.9	128.2	128.2	127.4	127.4	125.8	123.3	122.5	122.5	120.8
75°	119.2	119.2	116.7	116.7	115.1	115.9	114.3	111.8	111.0	111.0	110.2
77.5°	112.6	110.2	106.0	105.2	104.4	104.4	103.6	101.1	100.3	100.3	99.5
80°	99.5	94.5	90.4	89.6	90.4	92.1	92.1	90.4	90.4	90.4	90.4
82.5°	77.3	75.6	73.2	71.5	71.5	74.0	77.3	78.9	80.6	82.2	82.2
85°	56.7	57.5	56.7	54.3	53.4	55.9	59.2	62.5	63.3	66.6	65.8
87.5°	30.4	31.2	28.8	28.0	30.4	32.1	35.3	36.2	37.8	38.6	39.5
90°	0.0	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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3
2.5°	873.8	873.0	873.8	872.2	872.2	870.6	868.9	868.1	866.5	865.6	864.0
5°	888.6	886.2	883.7	882.9	879.6	876.3	873.8	869.7	866.5	860.7	859.1
7.5°	898.5	892.8	889.5	888.6	883.7	881.2	875.5	870.6	865.6	858.2	855.8
10°	902.6	896.9	891.1	888.6	882.9	878.8	873.0	865.6	861.5	854.1	852.5
12.5°	907.6	896.9	887.8	881.2	873.0	864.0	858.2	854.1	848.4	844.3	842.6
15°	898.5	884.5	870.6	858.2	845.1	835.2	829.5	822.9	816.3	813.8	813.8
17.5°	873.8	855.8	831.9	816.3	802.3	791.6	784.2	777.7	776.8	773.6	775.2
20°	822.9	799.0	776.0	764.5	756.3	749.7	742.3	739.0	736.6	731.6	730.0
22.5°	752.2	732.5	716.0	707.8	701.2	693.0	686.4	676.6	674.1	669.2	666.7
25°	674.1	658.5	644.5	638.7	634.6	623.1	619.0	605.9	596.8	591.1	594.3
27.5°	596.0	584.5	571.3	563.9	561.5	550.8	546.7	531.9	524.5	524.5	516.3
30°	515.4	504.7	496.5	488.3	486.7	473.5	462.8	457.1	448.8	445.6	439.8
32.5°	439.8	429.1	422.5	418.4	411.9	401.2	390.5	380.6	367.5	362.5	360.1
35°	369.9	361.7	353.5	350.2	341.2	329.6	316.5	308.3	292.7	286.9	284.4
37.5°	316.5	306.6	300.9	291.8	282.8	270.5	260.6	253.2	247.4	245.0	245.0
40°	273.7	266.3	259.8	252.4	245.0	238.4	233.5	231.8	231.0	231.0	232.6
42.5°	241.7	235.1	231.8	227.7	225.2	225.2	224.4	225.2	226.1	226.9	229.4
45°	220.3	216.2	214.6	213.7	215.4	217.0	217.8	219.5	222.8	224.4	225.2
47.5°	208.8	205.5	204.7	205.5	208.0	211.3	214.6	217.0	219.5	220.3	221.1
50°	197.3	193.2	191.5	193.2	196.5	201.4	203.9	208.0	209.6	211.3	209.6
52.5°	187.4	184.1	183.3	183.3	186.6	189.9	193.2	196.5	197.3	197.3	196.5
55°	179.2	176.7	174.3	175.9	178.4	181.7	186.6	189.1	190.7	191.5	191.5
57.5°	172.6	170.2	167.7	169.3	171.8	175.1	180.0	182.5	184.1	186.6	187.4
60°	167.7	164.4	161.9	164.4	166.9	171.8	175.9	178.4	182.5	183.3	183.3
62.5°	162.8	159.5	155.4	157.8	157.8	160.3	164.4	167.7	171.8	173.5	173.5
63°	161.9	158.7	154.5	156.2	156.2	157.8	161.1	164.4	169.3	171.0	170.2
65°	155.4	154.5	150.4	150.4	148.8	150.4	152.9	156.2	158.7	161.1	161.1
67.5°	144.7	143.9	143.0	143.0	143.0	144.7	146.3	148.8	151.3	152.9	152.1
70°	132.4	132.4	132.4	133.2	133.2	134.8	135.6	134.8	137.3	138.9	138.1
72.5°	121.7	120.8	120.0	121.7	120.8	120.8	122.5	121.7	124.1	124.1	125.0
75°	110.2	109.3	109.3	110.2	108.5	106.9	107.7	107.7	108.5	108.5	110.2
77.5°	100.3	100.3	100.3	99.5	97.8	97.0	96.2	96.2	96.2	96.2	97.0
80°	91.2	91.2	91.2	90.4	88.8	87.1	85.5	84.7	83.9	79.7	79.7
82.5°	82.2	82.2	82.2	82.2	81.4	79.7	77.3	70.7	67.4	64.1	64.9
85°	64.9	66.6	68.2	70.7	69.9	69.9	64.9	56.7	51.8	48.5	49.3
87.5°	41.9	37.0	37.0	36.2	34.5	32.9	32.9	28.0	23.0	20.6	21.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	862.3	0°
2.5°	864.0	862.3	860.7	860.7	858.2	858.2	856.6	859.9	856.6	854.1	854.1	2.5°
5°	857.4	855.8	850.8	850.0	846.7	846.7	846.7	845.1	845.1	843.4	842.6	5°
7.5°	853.3	849.2	845.1	842.6	842.6	841.0	844.3	842.6	843.4	843.4	844.3	7.5°
10°	850.0	846.7	845.1	844.3	844.3	846.7	849.2	850.0	849.2	850.0	850.0	10°
12.5°	841.8	843.4	844.3	847.5	851.7	856.6	862.3	863.2	864.8	864.8	866.5	12.5°
15°	815.5	819.6	824.5	832.7	843.4	854.1	864.8	873.8	882.1	886.2	889.5	15°
17.5°	778.5	782.6	791.6	800.7	814.7	830.3	848.4	864.0	881.2	896.9	912.5	17.5°
20°	728.3	734.9	737.4	753.8	770.3	791.6	813.0	837.7	867.3	896.9	927.3	20°
22.5°	663.4	670.8	682.3	695.5	712.7	739.0	764.5	803.2	842.6	884.5	932.2	22.5°
25°	591.1	599.3	609.1	623.1	640.4	668.3	705.3	746.4	794.9	850.0	909.2	25°
27.5°	516.3	524.5	532.7	542.6	562.3	591.9	635.5	678.2	731.6	791.6	860.7	27.5°
30°	441.4	442.3	447.2	459.5	480.1	518.7	550.8	604.2	660.1	723.4	803.2	30°
32.5°	359.2	358.4	364.2	374.9	394.6	431.6	471.0	522.8	577.9	657.6	739.9	32.5°
35°	286.1	286.1	296.8	307.5	329.6	356.0	390.5	436.5	501.5	575.4	657.6	35°
37.5°	247.4	253.2	259.8	270.5	287.7	308.3	338.7	379.0	429.9	500.6	576.3	37.5°
40°	235.1	238.4	244.2	254.0	268.8	287.7	309.9	340.3	379.8	436.5	505.6	40°
42.5°	230.2	231.0	234.3	241.7	254.8	273.7	296.8	323.9	353.5	393.8	453.8	42.5°
45°	225.2	224.4	226.1	231.8	242.5	263.9	290.2	319.8	349.4	383.1	432.4	45°
47.5°	221.1	221.1	221.1	223.6	233.5	254.8	285.3	319.8	355.1	392.9	441.4	47.5°
50°	209.6	208.8	208.8	210.4	217.8	240.9	277.0	319.0	365.0	414.3	469.4	50°
52.5°	196.5	196.5	197.3	198.1	204.7	227.7	268.0	319.0	376.5	442.3	511.3	52.5°
55°	192.4	193.2	194.0	193.2	198.1	217.8	258.1	314.0	381.4	464.5	556.5	55°
57.5°	189.1	190.7	190.7	189.9	193.2	209.6	248.3	304.2	377.3	472.7	588.6	57.5°
60°	184.1	184.1	184.1	181.7	183.3	198.1	233.5	288.5	364.2	465.3	593.5	60°
62.5°	173.5	173.5	171.8	171.0	170.2	181.7	213.7	265.5	340.3	445.6	581.2	62.5°
63°	171.0	170.2	170.2	167.7	167.7	178.4	209.6	262.2	333.8	440.6	576.3	63°
65°	161.9	161.9	161.9	160.3	159.5	167.7	193.2	239.2	308.3	417.6	551.6	65°
67.5°	152.1	152.9	151.3	150.4	149.6	154.5	174.3	210.4	268.8	369.1	505.6	67.5°
70°	138.1	138.9	138.9	138.1	137.3	140.6	152.9	180.9	222.8	307.5	430.8	70°
72.5°	125.8	127.4	127.4	129.1	129.1	131.5	136.5	150.4	178.4	240.0	338.7	72.5°
75°	112.6	113.4	115.1	116.7	115.1	114.3	115.1	125.8	139.8	177.6	241.7	75°
77.5°	101.1	103.6	103.6	102.8	100.3	98.6	98.6	103.6	115.1	134.8	172.6	77.5°
80°	83.9	88.0	88.8	86.3	83.9	83.9	85.5	88.8	96.2	111.0	130.7	80°
82.5°	67.4	71.5	72.3	73.2	72.3	74.8	74.8	75.6	79.7	91.2	106.9	82.5°
85°	51.8	55.1	57.5	58.4	59.2	60.0	59.2	55.1	57.5	64.9	72.3	85°
87.5°	23.0	23.8	22.2	23.0	22.2	23.0	23.8	19.7	18.9	25.5	26.3	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°

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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
862.3	862.3	862.3	862.3	862.3	862.3	862.3
853.3	853.3	854.1	852.5	852.5	853.3	850.8
840.1	843.4	843.4	843.4	841.8	843.4	844.3
843.4	845.9	847.5	847.5	846.7	850.0	852.5
847.5	851.7	853.3	853.3	853.3	857.4	863.2
863.2	866.5	868.9	868.9	870.6	875.5	882.1
891.9	896.0	896.0	895.2	900.2	905.9	913.3
924.0	935.5	941.3	940.4	944.5	951.9	960.2
954.4	986.5	1000.4	1010.3	1014.4	1024.3	1026.8
979.9	1033.3	1072.0	1104.8	1120.5	1130.3	1141.8
970.9	1043.2	1112.2	1179.7	1227.3	1275.8	1296.4
933.9	1024.3	1114.7	1213.4	1299.7	1386.0	1448.5
888.6	997.2	1118.8	1258.6	1395.0	1527.4	1632.6
836.9	971.7	1127.9	1300.5	1479.7	1653.2	1805.2
771.9	923.2	1105.7	1304.6	1515.9	1726.3	1923.6
689.7	857.4	1053.9	1275.0	1517.5	1758.4	1994.3
607.5	774.4	988.1	1232.3	1496.1	1765.8	2038.7
550.0	700.4	921.5	1178.0	1461.6	1754.3	2060.1
510.5	647.0	862.3	1128.7	1424.6	1733.7	2063.4
507.2	623.9	823.7	1092.5	1395.0	1715.6	2063.4
535.2	636.3	810.6	1074.4	1382.7	1709.9	2065.0
587.8	685.6	834.4	1088.4	1392.6	1717.3	2072.4
651.1	760.4	898.5	1136.9	1434.5	1741.9	2088.9
708.6	846.7	1007.8	1230.6	1510.9	1804.4	2134.9
742.3	920.7	1123.8	1362.2	1641.7	1928.6	2227.0
746.4	961.8	1226.5	1505.2	1800.3	2070.8	2374.1
743.1	965.1	1239.7	1532.3	1834.0	2106.1	2425.1
725.1	965.9	1276.7	1627.7	1950.7	2254.9	2567.3
679.0	939.6	1289.8	1702.5	2097.9	2450.6	2832.8
599.3	864.8	1251.2	1704.1	2154.6	2559.9	3000.5
481.7	722.6	1084.3	1550.4	2005.0	2452.2	2956.9
352.7	531.1	819.6	1201.0	1635.9	2041.2	2532.8
234.3	343.6	552.4	855.8	1173.1	1469.0	1823.3
161.1	212.9	323.1	514.6	717.7	861.5	1161.6
118.4	140.6	179.2	263.1	345.3	425.0	606.7
74.0	80.6	89.6	129.9	185.8	250.7	378.1
19.7	20.6	18.9	25.5	40.3	38.6	42.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)