

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: P181047

Luminaire Tested: **ICS-E04-LED-E1-SLL-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181047
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-E04-LED-E1-SLL-7030
Description: ICON SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (84) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9149.4 lumens
Efficiency: N/A
Efficacy: 94.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

Input Watts (W): 97.2
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



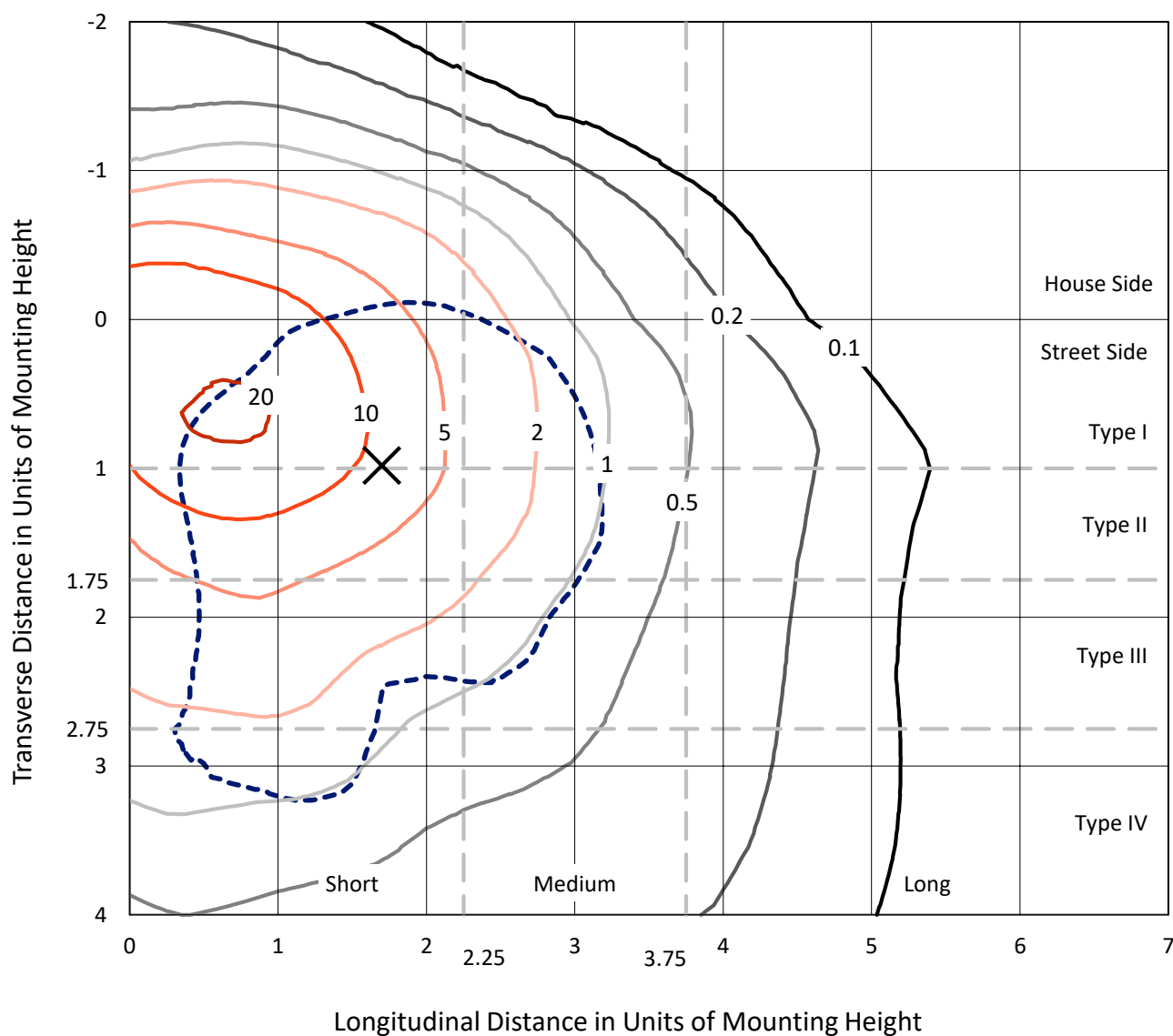
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

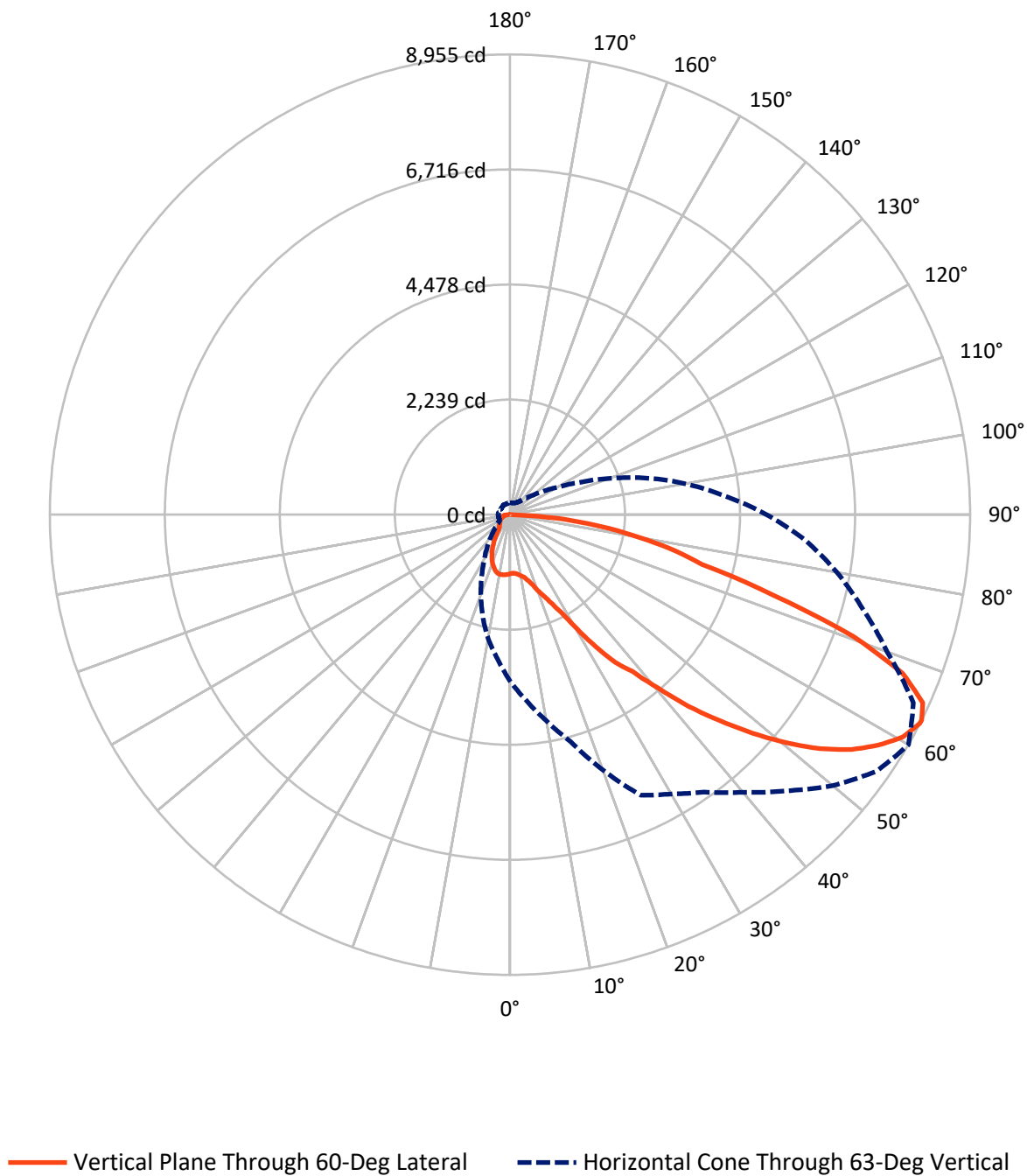


Based on 10 foot mounting height. Maximum calculated value = 22.7 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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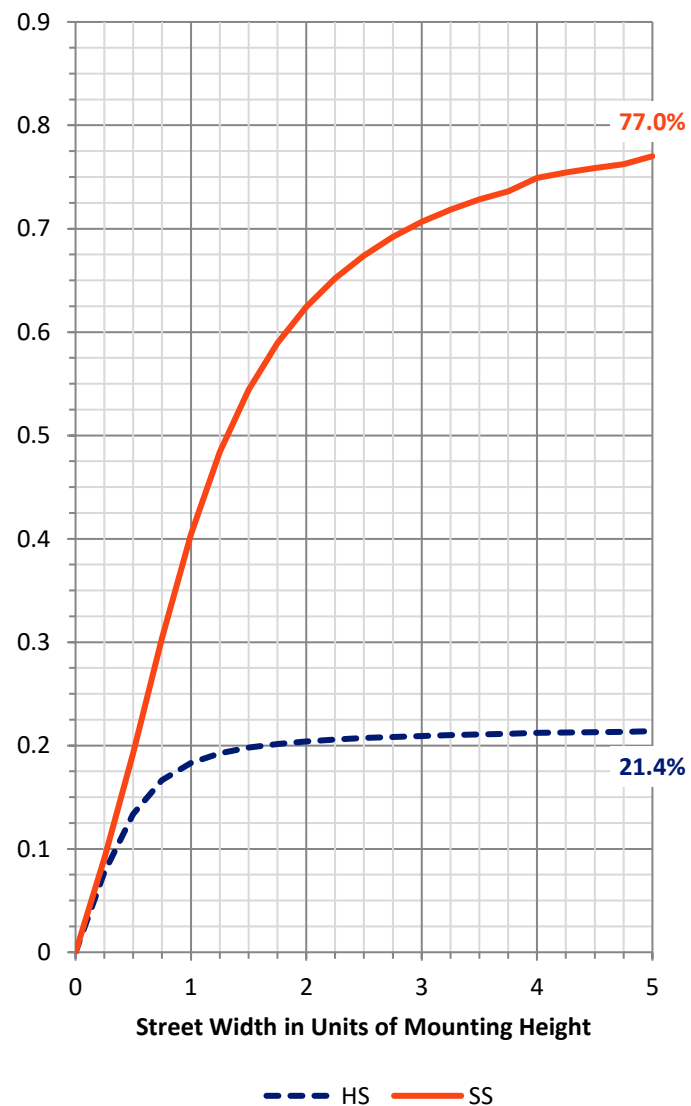
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1984.0	0.0	1984.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	7165.4	0.0	7165.4
	% Fixture	78.3	0.0	78.3
Total	Lumens	9149.4	0.0	9149.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.9	1.2
10°-20°	348.6	3.8
20°-30°	619.3	6.8
30°-40°	975.2	10.7
40°-50°	1435.2	15.7
50°-60°	1906.4	20.8
60°-70°	2099.9	23.0
70°-80°	1317.4	14.4
80°-90°	335.5	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°	9149.4	100.0
0°-180°	9149.4	100.0

Coefficient of Utilization



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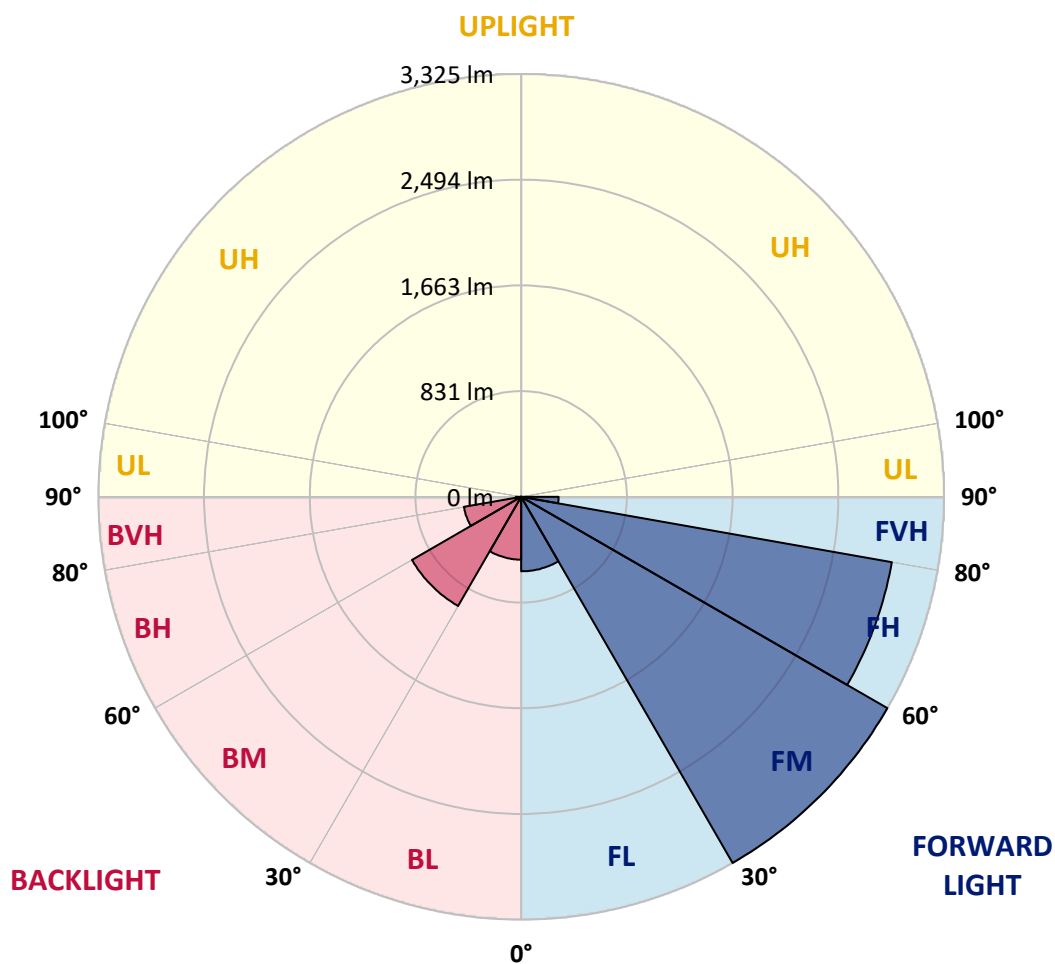
CATALOG NUMBER: ICS-E04-LED-E1-SLL-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	585.8	6.4			
FM	(30°-60°)	3325.1	36.3			
FH	(60°-80°)	2960.0	32.4			G2/5000
FVH	(80°-90°)	294.5	3.2			G3/500
BL	(0°-30°)	493.9	5.4	B1/500		
BM	(30°-60°)	991.6	10.8	B1/1000		
BH	(60°-80°)	457.3	5.0	B1/500		G1/500
BVH	(80°-90°)	41.1	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8
2.5°	1134.4	1136.6	1136.6	1135.5	1135.5	1137.7	1136.6	1135.5	1132.3	1136.6	1136.6
5°	1125.7	1127.9	1127.9	1130.1	1132.3	1134.4	1134.4	1136.6	1135.5	1139.9	1143.2
7.5°	1136.6	1138.8	1143.2	1148.7	1152.0	1159.7	1159.7	1165.1	1167.3	1170.6	1169.5
10°	1150.9	1156.4	1166.2	1175.0	1181.6	1190.3	1196.9	1204.6	1204.6	1207.9	1210.1
12.5°	1176.1	1181.6	1192.5	1203.5	1213.4	1224.3	1234.2	1241.9	1249.5	1251.7	1256.1
15°	1217.7	1224.3	1240.8	1256.1	1268.2	1282.4	1295.6	1310.9	1325.2	1328.4	1330.6
17.5°	1280.2	1293.4	1305.4	1332.8	1350.4	1369.0	1389.8	1411.8	1416.1	1439.2	1444.6
20°	1369.0	1385.4	1396.4	1430.4	1460.0	1484.1	1514.8	1540.0	1549.9	1571.8	1593.7
22.5°	1522.5	1519.2	1535.6	1569.6	1591.5	1639.7	1666.0	1692.3	1705.5	1738.4	1755.9
25°	1728.5	1746.1	1782.2	1785.5	1806.3	1862.2	1896.2	1922.5	1923.6	1933.5	1952.1
27.5°	1931.3	2003.6	2060.6	2091.3	2147.2	2198.7	2196.5	2233.8	2175.7	2187.8	2205.3
30°	2176.8	2297.4	2404.8	2477.1	2534.1	2594.4	2624.0	2644.8	2619.6	2608.7	2587.8
32.5°	2407.0	2575.8	2741.3	2869.5	2975.9	3075.6	3141.4	3171.0	3206.0	3294.8	3326.6
35°	2564.8	2803.8	3009.8	3195.1	3372.6	3531.6	3646.7	3712.4	3687.2	3675.2	3668.6
37.5°	2659.1	2950.6	3208.2	3470.2	3674.1	3911.9	4090.6	4263.8	4303.2	4234.2	4200.2
40°	2718.3	3063.5	3394.6	3703.7	3967.8	4274.7	4496.1	4755.9	4953.2	4979.5	4898.4
42.5°	2746.8	3139.2	3525.0	3874.6	4232.0	4607.9	4888.5	5203.1	5497.9	5700.7	5650.3
45°	2751.2	3188.5	3620.4	4029.2	4454.5	4900.6	5262.3	5610.8	6005.4	6352.9	6362.7
47.5°	2751.2	3225.8	3686.1	4141.0	4654.0	5154.9	5549.5	5961.6	6445.0	6856.0	6982.0
50°	2753.4	3251.0	3747.5	4228.7	4806.3	5369.7	5815.8	6302.5	6811.0	7258.2	7501.6
52.5°	2763.2	3269.6	3795.7	4291.2	4905.0	5521.0	6023.0	6584.2	7090.5	7549.8	7864.4
55°	2785.1	3295.9	3830.8	4329.5	4970.7	5619.6	6173.1	6777.1	7271.4	7737.2	8176.8
57.5°	2846.5	3341.9	3873.5	4363.5	5006.9	5684.3	6278.3	6860.4	7340.4	7826.0	8342.3
60°	2969.3	3439.5	3947.0	4431.5	5067.2	5803.7	6328.8	6804.5	7290.0	7799.7	8379.5
62.5°	3165.5	3591.9	4048.9	4546.5	5239.3	5989.0	6290.4	6637.9	7091.6	7647.4	8246.9
63°	3233.4	3624.7	4071.9	4571.7	5286.4	6023.0	6274.0	6588.5	7051.1	7599.1	8199.8
65°	3423.1	3770.5	4181.5	4698.9	5480.4	6056.9	6145.7	6332.1	6770.5	7324.0	7921.4
67.5°	3777.1	4124.5	4417.2	4913.7	5643.7	5923.2	5747.8	5770.9	6229.0	6802.3	7339.4
70°	4000.7	4415.0	4567.4	4941.1	5614.1	5724.8	5232.7	4928.0	5295.2	5948.4	6418.6
72.5°	3942.6	4418.3	4401.9	4576.1	5022.2	5125.3	4615.6	4135.5	4353.6	4841.4	5146.1
75°	3377.0	3945.9	3825.3	3790.2	3947.0	4014.9	3632.4	3559.0	3834.1	4104.8	4109.2
77.5°	2431.1	3057.0	2915.6	2712.8	2701.8	2858.6	2910.1	3391.3	3797.9	4011.7	3917.4
80°	1548.8	2227.2	2080.4	1726.3	1720.8	1924.7	2377.4	3031.8	3462.5	3582.0	3336.5
82.5°	808.9	1457.8	1513.7	1295.6	1483.0	1820.6	2262.3	2443.2	2606.5	2622.9	2333.6
85°	504.2	896.6	1054.4	1088.4	1339.4	1614.5	1611.2	1547.7	1475.3	1262.7	1142.1
87.5°	57.0	112.9	171.0	162.2	218.1	305.8	381.4	223.6	156.7	57.0	78.9
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°	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8
2.5°	1138.8	1139.9	1141.0	1141.0	1146.5	1145.4	1146.5	1148.7	1152.0	1154.2	1156.4
5°	1147.6	1147.6	1152.0	1155.3	1161.8	1166.2	1168.4	1175.0	1182.7	1180.5	1187.1
7.5°	1176.1	1175.0	1179.4	1181.6	1187.1	1194.7	1193.6	1199.1	1205.7	1207.9	1213.4
10°	1214.5	1211.2	1211.2	1209.0	1210.1	1207.9	1207.9	1207.9	1212.3	1211.2	1215.6
12.5°	1253.9	1252.8	1250.6	1244.1	1244.1	1235.3	1230.9	1225.4	1224.3	1216.6	1217.7
15°	1335.0	1335.0	1330.6	1317.5	1306.5	1298.9	1287.9	1280.2	1269.3	1255.0	1247.3
17.5°	1453.4	1438.1	1432.6	1430.4	1412.8	1406.3	1382.2	1356.9	1344.9	1325.2	1314.2
20°	1598.1	1594.8	1572.9	1561.9	1540.0	1509.3	1478.6	1445.7	1426.0	1401.9	1388.7
22.5°	1761.4	1737.3	1726.3	1709.9	1675.9	1640.8	1594.8	1551.0	1520.3	1503.8	1494.0
25°	1952.1	1928.0	1917.0	1895.1	1853.5	1816.2	1759.2	1707.7	1680.3	1652.9	1637.5
27.5°	2205.3	2182.3	2169.1	2112.1	2097.9	2036.5	1966.4	1896.2	1860.0	1819.5	1793.2
30°	2583.5	2584.6	2516.6	2447.5	2376.3	2270.0	2196.5	2117.6	2058.4	2000.3	1942.3
32.5°	3222.5	3059.2	2933.1	2785.1	2630.6	2517.7	2426.7	2332.5	2250.3	2165.9	2069.4
35°	3612.7	3533.8	3370.4	3099.7	2944.1	2807.1	2706.2	2592.2	2491.4	2342.3	2195.4
37.5°	4053.3	3870.3	3671.9	3521.7	3345.2	3186.3	3017.5	2888.2	2713.9	2513.3	2305.1
40°	4696.7	4434.7	4195.8	3994.1	3766.1	3599.5	3411.0	3223.6	2992.3	2701.8	2415.8
42.5°	5368.6	5097.9	4782.2	4520.2	4251.7	4056.6	3823.1	3560.1	3220.3	2860.8	2511.1
45°	6073.4	5711.7	5333.5	5013.5	4734.0	4491.7	4202.4	3853.8	3439.5	3003.3	2599.9
47.5°	6768.3	6352.9	5902.4	5558.2	5194.3	4898.4	4543.3	4102.6	3610.5	3138.1	2688.7
50°	7381.0	6980.9	6438.4	6001.0	5632.8	5267.8	4824.9	4294.4	3745.3	3254.3	2768.7
52.5°	7909.3	7565.1	6994.1	6441.7	6017.5	5607.5	5051.8	4449.0	3881.2	3361.7	2834.5
55°	8297.3	8068.2	7542.1	6857.1	6356.2	5867.3	5243.6	4598.1	4009.5	3447.2	2877.2
57.5°	8590.0	8462.8	8011.2	7248.4	6667.5	6119.4	5442.0	4776.7	4136.6	3520.6	2896.9
60°	8750.0	8785.1	8366.4	7590.4	6942.6	6329.9	5640.4	4929.1	4230.9	3563.4	2886.0
62.5°	8734.7	8949.5	8632.7	7800.8	7102.6	6454.8	5774.1	5000.3	4217.7	3495.4	2786.2
63°	8705.1	8955.0	8662.3	7815.1	7112.5	6459.2	5777.4	4990.5	4190.3	3462.5	2746.8
65°	8449.7	8828.9	8637.1	7750.4	7024.8	6377.0	5708.4	4848.0	3997.4	3286.0	2544.0
67.5°	7765.7	8240.3	8185.5	7293.3	6609.4	6037.2	5355.4	4388.7	3520.6	2852.0	2156.0
70°	6635.7	7081.8	7091.6	6343.0	5772.0	5210.8	4644.1	3571.0	2790.6	2210.8	1607.9
72.5°	5085.8	5373.0	5472.7	4979.5	4597.0	4202.4	3693.8	2592.2	1989.4	1503.8	1046.8
75°	3938.2	3859.3	3858.2	3649.9	3494.3	3301.4	2742.4	1749.3	1306.5	977.7	640.1
77.5°	3540.3	3189.6	2849.8	2599.9	2474.9	2410.3	1798.7	1054.4	770.5	562.3	368.3
80°	2920.0	2402.6	1941.2	1671.5	1564.1	1638.6	1002.9	570.0	422.0	320.1	238.9
82.5°	2013.5	1671.5	1270.4	1052.2	903.2	944.8	513.0	291.6	195.1	178.7	148.0
85°	1048.9	919.6	776.0	666.4	588.6	517.3	266.3	139.2	81.1	71.2	64.7
87.5°	0.0	1.1	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°	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8
2.5°	1159.7	1158.6	1160.7	1161.8	1165.1	1167.3	1168.4	1166.2	1169.5	1172.8	1170.6
5°	1190.3	1198.0	1199.1	1202.4	1202.4	1209.0	1209.0	1209.0	1207.9	1209.0	1206.8
7.5°	1216.6	1226.5	1227.6	1232.0	1233.1	1240.8	1237.5	1239.7	1239.7	1234.2	1232.0
10°	1219.9	1229.8	1235.3	1240.8	1248.4	1258.3	1258.3	1263.8	1263.8	1259.4	1258.3
12.5°	1221.0	1228.7	1234.2	1241.9	1252.8	1267.1	1274.7	1282.4	1285.7	1284.6	1281.3
15°	1244.1	1244.1	1245.1	1251.7	1259.4	1276.9	1287.9	1296.7	1302.1	1300.0	1294.5
17.5°	1304.3	1295.6	1289.0	1278.0	1280.2	1289.0	1295.6	1303.2	1304.3	1302.1	1293.4
20°	1374.5	1363.5	1347.1	1329.5	1320.8	1314.2	1309.8	1309.8	1306.5	1295.6	1281.3
22.5°	1474.2	1460.0	1437.0	1410.7	1393.1	1372.3	1347.1	1323.0	1296.7	1270.4	1239.7
25°	1612.3	1592.6	1568.5	1527.9	1490.7	1446.8	1395.3	1341.6	1279.1	1224.3	1179.4
27.5°	1751.5	1707.7	1645.2	1589.3	1520.3	1454.5	1381.1	1315.3	1235.3	1169.5	1120.2
30°	1866.6	1783.3	1693.4	1604.7	1513.7	1424.9	1337.2	1258.3	1170.6	1103.8	1055.5
32.5°	1955.4	1840.3	1715.4	1599.2	1487.4	1378.9	1278.0	1190.3	1101.6	1032.5	981.0
35°	2037.6	1877.6	1718.7	1575.1	1437.0	1324.1	1210.1	1114.7	1020.5	948.1	892.2
37.5°	2099.0	1895.1	1698.9	1530.1	1371.2	1245.1	1129.0	1031.4	935.0	856.0	792.5
40°	2138.5	1884.2	1656.2	1465.5	1293.4	1160.7	1042.4	941.5	848.4	761.8	685.1
42.5°	2170.2	1869.9	1613.4	1406.3	1232.0	1087.3	965.6	857.1	762.9	668.6	584.2
45°	2217.4	1880.9	1594.8	1364.6	1177.2	1024.8	891.1	778.2	679.6	587.5	506.4
47.5°	2263.4	1886.4	1567.4	1313.1	1108.1	960.2	824.3	714.6	613.8	529.4	454.9
50°	2305.1	1883.1	1524.6	1247.3	1041.3	895.5	764.0	654.4	554.6	476.8	406.6
52.5°	2324.8	1864.4	1472.0	1183.8	987.6	838.5	704.8	598.5	499.8	426.4	361.7
55°	2322.6	1816.2	1403.0	1123.5	928.4	778.2	646.7	541.5	452.7	384.7	328.8
57.5°	2289.7	1741.7	1329.5	1056.6	850.6	703.7	578.7	476.8	402.3	345.3	298.1
60°	2220.7	1646.3	1233.1	959.1	753.0	611.6	494.3	406.6	346.4	302.5	271.8
62.5°	2091.3	1509.3	1112.5	823.2	621.5	492.1	390.2	333.2	288.3	262.0	247.7
63°	2053.0	1472.0	1061.0	790.3	590.8	464.7	368.3	309.1	276.2	253.2	240.0
65°	1862.2	1289.0	887.8	637.9	459.3	358.4	295.9	251.0	231.3	221.4	220.3
67.5°	1508.2	1013.9	628.1	437.3	312.4	258.7	226.9	208.3	199.5	197.3	199.5
70°	1058.8	640.1	399.0	290.5	231.3	208.3	194.0	186.3	180.9	181.9	184.1
72.5°	675.2	383.6	274.0	220.3	195.1	183.0	176.5	174.3	173.2	172.1	172.1
75°	384.7	255.4	210.4	190.7	177.6	167.7	162.2	160.0	161.1	162.2	160.0
77.5°	254.3	210.4	187.4	174.3	162.2	151.3	148.0	146.9	149.1	151.3	151.3
80°	200.6	187.4	174.3	161.1	141.4	133.7	135.9	137.0	135.9	137.0	133.7
82.5°	141.4	139.2	142.5	137.0	117.3	110.7	108.5	109.6	107.4	107.4	105.2
85°	65.8	65.8	69.1	69.1	66.9	68.0	73.4	80.0	83.3	80.0	75.6
87.5°	0.0	0.0	0.0	0.0	0.0	9.9	19.7	28.5	30.7	38.4	37.3
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: P181047

CATALOG NUMBER: ICS-E04-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8
2.5°	1167.3	1169.5	1168.4	1167.3	1169.5	1167.3	1168.4	1167.3	1167.3	1166.2	1166.2
5°	1204.6	1207.9	1201.3	1200.2	1198.0	1192.5	1192.5	1190.3	1190.3	1186.0	1182.7
7.5°	1228.7	1229.8	1224.3	1223.2	1217.7	1212.3	1207.9	1203.5	1202.4	1199.1	1192.5
10°	1251.7	1249.5	1245.1	1239.7	1234.2	1226.5	1221.0	1215.6	1214.5	1209.0	1201.3
12.5°	1271.5	1270.4	1261.6	1256.1	1247.3	1239.7	1233.1	1226.5	1223.2	1216.6	1205.7
15°	1284.6	1278.0	1267.1	1257.2	1247.3	1238.6	1230.9	1223.2	1219.9	1212.3	1201.3
17.5°	1279.1	1267.1	1252.8	1240.8	1227.6	1216.6	1210.1	1202.4	1196.9	1192.5	1177.2
20°	1259.4	1241.9	1219.9	1205.7	1188.2	1173.9	1169.5	1161.8	1157.5	1141.0	1121.3
22.5°	1207.9	1182.7	1155.3	1134.4	1114.7	1100.5	1089.5	1081.8	1070.9	1061.0	1030.3
25°	1143.2	1114.7	1086.2	1061.0	1034.7	1012.8	993.0	974.4	968.9	948.1	918.5
27.5°	1080.7	1048.9	1020.5	990.9	956.9	929.5	895.5	869.2	851.7	829.7	802.3
30°	1013.9	982.1	943.7	904.3	864.8	835.2	796.9	765.1	743.1	720.1	694.9
32.5°	929.5	891.1	845.1	801.2	765.1	730.0	691.6	660.9	639.0	618.2	594.1
35°	833.0	782.6	733.3	685.1	646.7	617.1	583.1	560.1	544.8	526.1	500.9
37.5°	722.3	665.3	612.7	575.4	541.5	513.0	488.9	474.6	458.2	448.3	433.0
40°	610.5	554.6	503.1	469.1	440.6	424.2	411.0	407.7	396.8	383.6	373.8
42.5°	511.9	458.2	407.7	380.3	361.7	357.3	350.7	350.7	345.3	335.4	328.8
45°	445.0	389.1	345.3	325.5	315.7	314.6	311.3	311.3	310.2	305.8	298.1
47.5°	396.8	346.4	312.4	300.3	298.1	295.9	292.7	291.6	290.5	287.2	282.8
50°	352.9	310.2	288.3	282.8	283.9	280.6	277.3	274.0	272.9	269.6	265.3
52.5°	312.4	281.7	267.4	264.2	264.2	264.2	262.0	262.0	259.8	258.7	254.3
55°	289.4	266.3	258.7	257.6	256.5	255.4	253.2	253.2	251.0	249.9	244.4
57.5°	269.6	255.4	251.0	248.8	247.7	245.5	244.4	244.4	244.4	244.4	237.8
60°	254.3	247.7	246.6	244.4	243.3	238.9	236.8	235.7	236.8	237.8	231.3
62.5°	237.8	236.8	235.7	233.5	232.4	228.0	224.7	222.5	224.7	226.9	225.8
63°	233.5	232.4	232.4	231.3	230.2	224.7	221.4	219.2	221.4	223.6	223.6
65°	218.1	219.2	219.2	218.1	217.0	213.7	209.4	207.2	208.3	211.5	212.6
67.5°	201.7	202.8	201.7	202.8	201.7	199.5	196.2	194.0	192.9	194.0	195.1
70°	186.3	188.5	187.4	186.3	185.2	185.2	183.0	179.8	178.7	177.6	177.6
72.5°	173.2	173.2	171.0	171.0	169.9	169.9	167.7	164.4	163.3	163.3	161.1
75°	158.9	158.9	155.6	155.6	153.5	154.5	152.4	149.1	148.0	148.0	146.9
77.5°	150.2	146.9	141.4	140.3	139.2	139.2	138.1	134.8	133.7	133.7	132.6
80°	132.6	126.0	120.6	119.5	120.6	122.8	122.8	120.6	120.6	120.6	120.6
82.5°	103.0	100.8	97.6	95.4	95.4	98.6	103.0	105.2	107.4	109.6	109.6
85°	75.6	76.7	75.6	72.3	71.2	74.5	78.9	83.3	84.4	88.8	87.7
87.5°	40.6	41.7	38.4	37.3	40.6	42.7	47.1	48.2	50.4	51.5	52.6
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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CATALOG NUMBER: ICS-E04-LED-E1-SLL-7030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8
2.5°	1165.1	1164.0	1165.1	1162.9	1162.9	1160.7	1158.6	1157.5	1155.3	1154.2	1152.0
5°	1184.9	1181.6	1178.3	1177.2	1172.8	1168.4	1165.1	1159.7	1155.3	1147.6	1145.4
7.5°	1198.0	1190.3	1186.0	1184.9	1178.3	1175.0	1167.3	1160.7	1154.2	1144.3	1141.0
10°	1203.5	1195.8	1188.2	1184.9	1177.2	1171.7	1164.0	1154.2	1148.7	1138.8	1136.6
12.5°	1210.1	1195.8	1183.8	1175.0	1164.0	1152.0	1144.3	1138.8	1131.2	1125.7	1123.5
15°	1198.0	1179.4	1160.7	1144.3	1126.8	1113.6	1105.9	1097.2	1088.4	1085.1	1085.1
17.5°	1165.1	1141.0	1109.2	1088.4	1069.8	1055.5	1045.7	1036.9	1035.8	1031.4	1033.6
20°	1097.2	1065.4	1034.7	1019.4	1008.4	999.6	989.8	985.4	982.1	975.5	973.3
22.5°	1002.9	976.6	954.7	943.7	935.0	924.0	915.2	902.1	898.8	892.2	888.9
25°	898.8	878.0	859.3	851.7	846.2	830.8	825.3	807.8	795.8	788.1	792.5
27.5°	794.7	779.3	761.8	751.9	748.6	734.4	728.9	709.2	699.3	699.3	688.3
30°	687.2	673.0	662.0	651.1	648.9	631.3	617.1	609.4	598.5	594.1	586.4
32.5°	586.4	572.2	563.4	557.9	549.1	534.9	520.6	507.5	489.9	483.4	480.1
35°	493.2	482.3	471.3	466.9	454.9	439.5	422.0	411.0	390.2	382.5	379.2
37.5°	422.0	408.8	401.2	389.1	377.1	360.6	347.5	337.6	329.9	326.6	326.6
40°	365.0	355.1	346.4	336.5	326.6	317.9	311.3	309.1	308.0	308.0	310.2
42.5°	322.2	313.5	309.1	303.6	300.3	300.3	299.2	300.3	301.4	302.5	305.8
45°	293.7	288.3	286.1	285.0	287.2	289.4	290.5	292.7	297.0	299.2	300.3
47.5°	278.4	274.0	272.9	274.0	277.3	281.7	286.1	289.4	292.7	293.7	294.8
50°	263.1	257.6	255.4	257.6	262.0	268.5	271.8	277.3	279.5	281.7	279.5
52.5°	249.9	245.5	244.4	244.4	248.8	253.2	257.6	262.0	263.1	263.1	262.0
55°	238.9	235.7	232.4	234.6	237.8	242.2	248.8	252.1	254.3	255.4	255.4
57.5°	230.2	226.9	223.6	225.8	229.1	233.5	240.0	243.3	245.5	248.8	249.9
60°	223.6	219.2	215.9	219.2	222.5	229.1	234.6	237.8	243.3	244.4	244.4
62.5°	217.0	212.6	207.2	210.4	210.4	213.7	219.2	223.6	229.1	231.3	231.3
63°	215.9	211.5	206.1	208.3	208.3	210.4	214.8	219.2	225.8	228.0	226.9
65°	207.2	206.1	200.6	200.6	198.4	200.6	203.9	208.3	211.5	214.8	214.8
67.5°	192.9	191.8	190.7	190.7	190.7	192.9	195.1	198.4	201.7	203.9	202.8
70°	176.5	176.5	176.5	177.6	177.6	179.8	180.9	179.8	183.0	185.2	184.1
72.5°	162.2	161.1	160.0	162.2	161.1	161.1	163.3	162.2	165.5	165.5	166.6
75°	146.9	145.8	145.8	146.9	144.7	142.5	143.6	143.6	144.7	144.7	146.9
77.5°	133.7	133.7	133.7	132.6	130.4	129.3	128.2	128.2	128.2	128.2	129.3
80°	121.7	121.7	121.7	120.6	118.4	116.2	114.0	112.9	111.8	106.3	106.3
82.5°	109.6	109.6	109.6	109.6	108.5	106.3	103.0	94.3	89.9	85.5	86.6
85°	86.6	88.8	91.0	94.3	93.2	93.2	86.6	75.6	69.1	64.7	65.8
87.5°	55.9	49.3	49.3	48.2	46.0	43.8	43.8	37.3	30.7	27.4	28.5
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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CATALOG NUMBER: ICS-E04-LED-E1-SLL-7030

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	0°
2.5°	1152.0	1149.8	1147.6	1147.6	1144.3	1144.3	1142.1	1146.5	1142.1	1138.8	1138.8	2.5°
5°	1143.2	1141.0	1134.4	1133.3	1129.0	1129.0	1129.0	1126.8	1126.8	1124.6	1123.5	5°
7.5°	1137.7	1132.3	1126.8	1123.5	1123.5	1121.3	1125.7	1123.5	1124.6	1124.6	1125.7	7.5°
10°	1133.3	1129.0	1126.8	1125.7	1125.7	1129.0	1132.3	1133.3	1132.3	1133.3	1133.3	10°
12.5°	1122.4	1124.6	1125.7	1130.1	1135.5	1142.1	1149.8	1150.9	1153.1	1153.1	1155.3	12.5°
15°	1087.3	1092.8	1099.4	1110.3	1124.6	1138.8	1153.1	1165.1	1176.1	1181.6	1186.0	15°
17.5°	1038.0	1043.5	1055.5	1067.6	1086.2	1107.0	1131.2	1152.0	1175.0	1195.8	1216.6	17.5°
20°	971.1	979.9	983.2	1005.1	1027.0	1055.5	1084.0	1116.9	1156.4	1195.8	1236.4	20°
22.5°	884.5	894.4	909.7	927.3	950.3	985.4	1019.4	1070.9	1123.5	1179.4	1243.0	22.5°
25°	788.1	799.0	812.2	830.8	853.8	891.1	940.4	995.2	1059.9	1133.3	1212.3	25°
27.5°	688.3	699.3	710.3	723.4	749.7	789.2	847.3	904.3	975.5	1055.5	1147.6	27.5°
30°	588.6	589.7	596.3	612.7	640.1	691.6	734.4	805.6	880.2	964.6	1070.9	30°
32.5°	479.0	477.9	485.6	499.8	526.1	575.4	628.1	697.1	770.5	876.9	986.5	32.5°
35°	381.4	381.4	395.7	409.9	439.5	474.6	520.6	582.0	668.6	767.3	876.9	35°
37.5°	329.9	337.6	346.4	360.6	383.6	411.0	451.6	505.3	573.2	667.5	768.4	37.5°
40°	313.5	317.9	325.5	338.7	358.4	383.6	413.2	453.8	506.4	582.0	674.1	40°
42.5°	306.9	308.0	312.4	322.2	339.8	365.0	395.7	431.9	471.3	525.0	605.0	42.5°
45°	300.3	299.2	301.4	309.1	323.3	351.8	386.9	426.4	465.8	510.8	576.5	45°
47.5°	294.8	294.8	294.8	298.1	311.3	339.8	380.3	426.4	473.5	523.9	588.6	47.5°
50°	279.5	278.4	278.4	280.6	290.5	321.2	369.4	425.3	486.7	552.4	625.9	50°
52.5°	262.0	262.0	263.1	264.2	272.9	303.6	357.3	425.3	502.0	589.7	681.8	52.5°
55°	256.5	257.6	258.7	257.6	264.2	290.5	344.2	418.7	508.6	619.3	742.0	55°
57.5°	252.1	254.3	254.3	253.2	257.6	279.5	331.0	405.5	503.1	630.2	784.8	57.5°
60°	245.5	245.5	245.5	242.2	244.4	264.2	311.3	384.7	485.6	620.4	791.4	60°
62.5°	231.3	231.3	229.1	228.0	226.9	242.2	285.0	354.0	453.8	594.1	774.9	62.5°
63°	228.0	226.9	226.9	223.6	223.6	237.8	279.5	349.6	445.0	587.5	768.4	63°
65°	215.9	215.9	215.9	213.7	212.6	223.6	257.6	319.0	411.0	556.8	735.5	65°
67.5°	202.8	203.9	201.7	200.6	199.5	206.1	232.4	280.6	358.4	492.1	674.1	67.5°
70°	184.1	185.2	185.2	184.1	183.0	187.4	203.9	241.1	297.0	409.9	574.3	70°
72.5°	167.7	169.9	169.9	172.1	172.1	175.4	181.9	200.6	237.8	320.1	451.6	72.5°
75°	150.2	151.3	153.5	155.6	153.5	152.4	153.5	167.7	186.3	236.8	322.2	75°
77.5°	134.8	138.1	138.1	137.0	133.7	131.5	131.5	138.1	153.5	179.8	230.2	77.5°
80°	111.8	117.3	118.4	115.1	111.8	111.8	114.0	118.4	128.2	148.0	174.3	80°
82.5°	89.9	95.4	96.5	97.6	96.5	99.7	99.7	100.8	106.3	121.7	142.5	82.5°
85°	69.1	73.4	76.7	77.8	78.9	80.0	78.9	73.4	76.7	86.6	96.5	85°
87.5°	30.7	31.8	29.6	30.7	29.6	30.7	31.8	26.3	25.2	34.0	35.1	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°
1149.8	1149.8	1149.8	1149.8	1149.8	1149.8	1149.8
1137.7	1137.7	1138.8	1136.6	1136.6	1137.7	1134.4
1120.2	1124.6	1124.6	1124.6	1122.4	1124.6	1125.7
1124.6	1127.9	1130.1	1130.1	1129.0	1133.3	1136.6
1130.1	1135.5	1137.7	1137.7	1137.7	1143.2	1150.9
1150.9	1155.3	1158.6	1158.6	1160.7	1167.3	1176.1
1189.2	1194.7	1194.7	1193.6	1200.2	1207.9	1217.7
1232.0	1247.3	1255.0	1253.9	1259.4	1269.3	1280.2
1272.5	1315.3	1333.9	1347.1	1352.6	1365.7	1369.0
1306.5	1377.8	1429.3	1473.1	1494.0	1507.1	1522.5
1294.5	1390.9	1483.0	1572.9	1636.4	1701.1	1728.5
1245.1	1365.7	1486.3	1617.8	1732.9	1848.0	1931.3
1184.9	1329.5	1491.8	1678.1	1860.0	2036.5	2176.8
1115.8	1295.6	1503.8	1734.0	1972.9	2204.2	2407.0
1029.2	1230.9	1474.2	1739.5	2021.2	2301.8	2564.8
919.6	1143.2	1405.2	1700.0	2023.4	2344.5	2659.1
810.0	1032.5	1317.5	1643.0	1994.9	2354.4	2718.3
733.3	933.9	1228.7	1570.7	1948.8	2339.0	2746.8
680.7	862.6	1149.8	1504.9	1899.5	2311.6	2751.2
676.3	831.9	1098.3	1456.7	1860.0	2287.5	2751.2
713.5	848.4	1080.7	1432.6	1843.6	2279.8	2753.4
783.7	914.1	1112.5	1451.2	1856.8	2289.7	2763.2
868.1	1013.9	1198.0	1515.9	1912.7	2322.6	2785.1
944.8	1129.0	1343.8	1640.8	2014.6	2405.9	2846.5
989.8	1227.6	1498.3	1816.2	2188.9	2571.4	2969.3
995.2	1282.4	1635.4	2006.9	2400.4	2761.0	3165.5
990.9	1286.8	1652.9	2043.1	2445.4	2808.2	3233.4
966.7	1287.9	1702.2	2170.2	2601.0	3006.5	3423.1
905.4	1252.8	1719.7	2270.0	2797.2	3267.4	3777.1
799.0	1153.1	1668.2	2272.2	2872.8	3413.2	4000.7
642.3	963.5	1445.7	2067.2	2673.3	3269.6	3942.6
470.2	708.1	1092.8	1601.4	2181.2	2721.6	3377.0
312.4	458.2	736.6	1141.0	1564.1	1958.7	2431.1
214.8	283.9	430.8	686.1	956.9	1148.7	1548.8
157.8	187.4	238.9	350.7	460.4	566.7	808.9
98.6	107.4	119.5	173.2	247.7	334.3	504.2
26.3	27.4	25.2	34.0	53.7	51.5	57.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)