

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: CORELITE

Report Number: P571960

Luminaire Tested: 22ID-45-L830-SWD

Issue Date: 10/5/2021

Test Information

Test Method: LM-79-2019
Report Number: P571960
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2109-397-2)
Test Lab: INNOVATION CENTER
Issue Date: 10/5/2021
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22ID-45-L830-SWD
Description: 4500 LUMEN, 2X2 INDEPTH TROFFER WITH 2IN DROPPED SWEEP LENS AND 3000K, 80 CRI LEDS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4411.0 lumens
Efficiency: N/A
Efficacy: 118.6 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.21 / 1.35
Luminous Opening: Rectangular w/ Sides (W: 2' x L: 2' x H: 0.17')
CIE Type: Direct

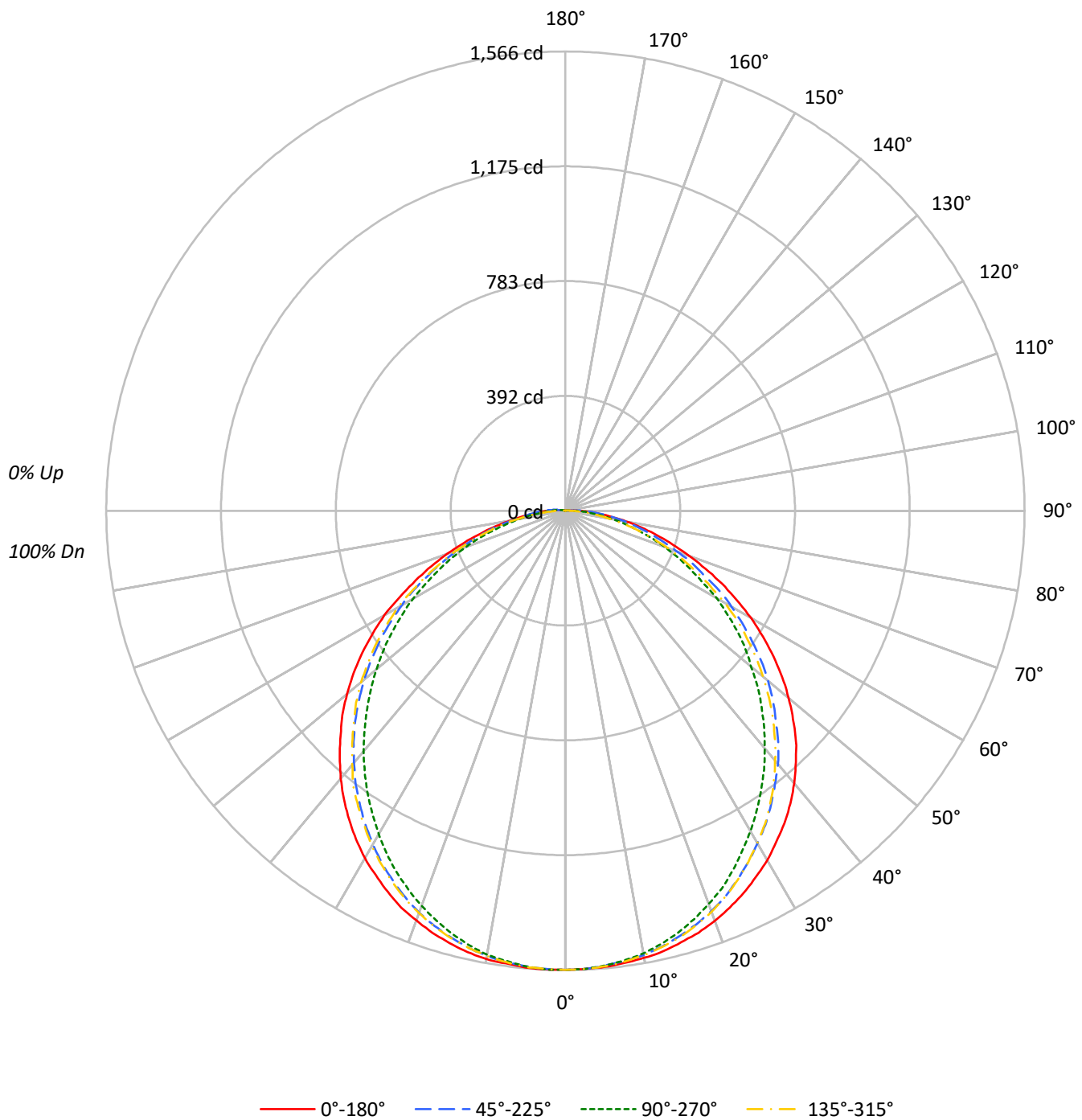
Input Watts (W): 37.2
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	108	104	99	95	106	101	97	94	97	94	91		93	90	88		89
2	99	90	83	78	96	88	82	77	85	79	75		81	77	73		78
3	90	79	71	65	87	78	70	64	75	68	63		72	66	62		69
4	82	70	62	55	80	69	61	54	66	59	54		64	58	53		62
5	76	63	54	47	74	62	53	47	60	52	46		57	51	46		56
6	70	57	48	41	68	56	47	41	54	46	41		52	45	40		50
7	65	51	43	36	63	51	42	36	49	41	36		47	41	36		46
8	60	47	38	32	59	46	38	32	45	37	32		43	37	32		42
9	56	43	35	29	55	42	35	29	41	34	29		40	34	29		39
10	53	40	32	27	52	39	32	26	38	31	26		37	31	26		36

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	4214	4214	4214	4214
5°	4187	4176	4193	4182
10°	4169	4128	4181	4140
15°	4153	4057	4159	4069
20°	4138	3967	4132	3985
25°	4111	3866	4098	3891
30°	4081	3743	4055	3775
35°	4041	3611	3994	3652
40°	3986	3473	3914	3516
45°	3909	3322	3809	3361
50°	3786	3149	3702	3199
55°	3633	2997	3550	3024
60°	3434	2803	3351	2824
65°	3184	2530	3041	2566
70°	2872	2295	2732	2309
75°	2564	2023	2372	1953
80°	2221	1689	1990	1643
85°	1774	1357	1670	1357

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3909 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.2	3.4
10°-20°	425.2	9.6
20°-30°	642.5	14.6
30°-40°	768.4	17.4
40°-50°	786.1	17.8
50°-60°	695.7	15.8
60°-70°	515.4	11.7
70°-80°	297.1	6.7
80°-90°	110.4	2.5
90°-100°	20.2	0.5
100°-110°	1.6	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°-30°	1215.9	27.6
0°-40°	1984.4	45.0
0°-60°	3466.2	78.6
0°-90°	4389.2	99.5
90°-120°	21.8	0.5
90°-150°	21.8	0.5
90°-180°	22.0	0.5
0°-180°	4411.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1566	1566	1566	1566	1566	
5°	1562	1557	1564	1559	1562	149
15°	1524	1489	1526	1493	1524	431
25°	1438	1352	1434	1361	1438	663
35°	1302	1163	1287	1177	1302	814
45°	1113	946	1084	957	1113	856
55°	866	715	847	721	866	774
65°	589	468	563	475	589	582
75°	323	255	299	246	323	344
85°	112	86	106	86	112	112
90°	44	31	59	46	44	25
95°	7	4	31	26	7	5
105°	0	0	4	4	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9
2.5°	1563.7	1565.9	1563.7	1563.7	1563.7	1563.7	1561.5	1561.5	1563.7	1563.7	1563.7
5°	1561.5	1561.5	1559.3	1559.3	1559.3	1559.3	1557.1	1557.1	1559.3	1559.3	1557.1
7.5°	1554.9	1554.9	1554.9	1552.7	1550.5	1552.7	1550.5	1550.5	1550.5	1550.5	1548.3
10°	1548.3	1548.3	1548.3	1548.3	1543.9	1543.9	1541.7	1541.7	1539.5	1539.5	1539.5
12.5°	1539.5	1539.5	1537.3	1535.1	1532.9	1532.9	1530.7	1528.5	1526.3	1524.1	1521.9
15°	1524.1	1524.1	1524.1	1519.7	1517.5	1515.3	1515.3	1513.1	1508.7	1506.5	1502.1
17.5°	1508.7	1508.7	1506.5	1502.1	1499.9	1497.7	1495.5	1493.3	1488.9	1484.5	1480.1
20°	1488.9	1488.9	1486.7	1482.3	1477.9	1475.7	1475.7	1471.3	1462.5	1458.1	1453.7
22.5°	1464.7	1466.9	1464.7	1460.3	1455.9	1451.5	1451.5	1442.7	1436.1	1431.7	1425.1
25°	1438.3	1438.3	1436.1	1431.7	1425.1	1420.7	1420.7	1409.7	1405.3	1398.7	1387.7
27.5°	1407.5	1407.5	1405.3	1400.9	1396.5	1389.9	1387.7	1376.7	1370.1	1363.5	1350.3
30°	1376.7	1374.5	1374.5	1365.7	1361.3	1354.7	1352.5	1339.3	1332.7	1323.9	1310.7
32.5°	1339.3	1339.3	1339.3	1328.3	1323.9	1317.3	1315.1	1301.9	1293.2	1282.2	1269.0
35°	1301.9	1299.7	1295.4	1288.8	1282.2	1275.6	1273.4	1260.2	1251.4	1238.2	1222.8
37.5°	1260.2	1255.8	1253.6	1247.0	1240.4	1229.4	1229.4	1216.2	1205.2	1192.0	1174.4
40°	1214.0	1209.6	1207.4	1198.6	1192.0	1183.2	1181.0	1167.8	1152.4	1141.4	1128.2
42.5°	1163.4	1159.0	1154.6	1152.4	1141.4	1132.6	1130.4	1115.0	1099.6	1088.6	1075.4
45°	1112.8	1106.2	1101.8	1097.4	1086.4	1077.6	1075.4	1057.8	1044.6	1033.6	1013.8
47.5°	1053.4	1049.0	1042.4	1033.6	1029.2	1018.2	1018.2	1000.7	987.5	974.3	961.1
50°	994.1	987.5	983.1	974.3	967.7	958.9	952.3	941.3	928.1	914.9	901.7
52.5°	932.5	925.9	923.7	917.1	906.1	897.3	890.7	881.9	866.5	853.3	842.3
55°	866.5	864.3	855.5	853.3	842.3	833.5	829.1	815.9	802.7	791.7	778.5
57.5°	798.3	791.7	791.7	785.1	776.3	765.3	765.3	749.9	738.9	727.9	714.8
60°	730.1	725.7	725.7	714.8	710.4	701.6	701.6	684.0	675.2	664.2	655.4
62.5°	657.6	662.0	651.0	651.0	642.2	635.6	633.4	622.4	611.4	602.6	593.8
65°	589.4	591.6	585.0	582.8	569.6	563.0	560.8	552.0	543.2	534.4	521.2
67.5°	516.8	519.0	516.8	512.4	505.8	499.2	497.0	488.2	481.6	472.8	468.4
70°	448.6	448.6	450.8	448.6	442.0	437.6	437.6	426.7	420.1	413.5	402.5
72.5°	384.9	389.3	387.1	387.1	380.5	376.1	376.1	367.3	362.9	356.3	347.5
75°	323.3	325.5	327.7	325.5	321.1	318.9	316.7	312.3	307.9	303.5	294.7
77.5°	266.1	268.3	268.3	268.3	266.1	266.1	261.7	257.3	255.1	252.9	246.3
80°	211.1	213.3	215.5	215.5	213.3	211.1	211.1	208.9	208.9	206.7	204.5
82.5°	158.3	162.7	164.9	167.1	167.1	169.3	167.1	164.9	164.9	162.7	160.5
85°	112.2	116.6	121.0	123.2	125.4	125.4	125.4	125.4	125.4	125.4	121.0
87.5°	74.8	79.2	83.6	85.8	88.0	88.0	88.0	88.0	88.0	88.0	85.8
90°	44.0	48.4	50.6	52.8	55.0	52.8	55.0	55.0	57.2	57.2	55.0
92.5°	22.0	24.2	24.2	26.4	26.4	26.4	26.4	26.4	26.4	28.6	26.4
95°	6.6	6.6	8.8	8.8	8.8	8.8	6.6	6.6	4.4	4.4	2.2
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	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):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9
2.5°	1561.5	1561.5	1561.5	1561.5	1561.5	1561.5	1561.5	1563.7	1563.7	1563.7	1563.7
5°	1557.1	1557.1	1554.9	1557.1	1557.1	1554.9	1557.1	1557.1	1557.1	1557.1	1559.3
7.5°	1548.3	1548.3	1546.1	1546.1	1546.1	1546.1	1546.1	1543.9	1546.1	1546.1	1546.1
10°	1535.1	1535.1	1532.9	1532.9	1532.9	1532.9	1530.7	1530.7	1532.9	1532.9	1532.9
12.5°	1519.7	1517.5	1515.3	1515.3	1513.1	1513.1	1513.1	1513.1	1513.1	1513.1	1513.1
15°	1499.9	1497.7	1495.5	1493.3	1493.3	1493.3	1488.9	1491.1	1488.9	1488.9	1491.1
17.5°	1477.9	1473.5	1469.1	1466.9	1466.9	1466.9	1462.5	1462.5	1460.3	1460.3	1462.5
20°	1447.1	1444.9	1438.3	1436.1	1436.1	1433.9	1429.5	1429.5	1429.5	1427.3	1431.7
22.5°	1418.5	1414.1	1405.3	1403.1	1403.1	1400.9	1394.3	1394.3	1394.3	1394.3	1394.3
25°	1381.1	1376.7	1370.1	1363.5	1363.5	1361.3	1354.7	1354.7	1352.5	1352.5	1354.7
27.5°	1341.5	1337.1	1328.3	1321.7	1321.7	1319.5	1312.9	1312.9	1308.5	1306.3	1310.7
30°	1299.7	1295.4	1286.6	1280.0	1277.8	1275.6	1269.0	1269.0	1262.4	1262.4	1266.8
32.5°	1262.4	1251.4	1240.4	1233.8	1231.6	1229.4	1222.8	1220.6	1216.2	1214.0	1216.2
35°	1216.2	1200.8	1194.2	1185.4	1183.2	1181.0	1174.4	1167.8	1165.6	1163.4	1165.6
37.5°	1167.8	1152.4	1143.6	1134.8	1132.6	1128.2	1119.4	1115.0	1112.8	1112.8	1115.0
40°	1110.6	1101.8	1090.8	1079.8	1077.6	1075.4	1066.6	1064.4	1060.0	1057.8	1062.2
42.5°	1057.8	1046.8	1035.8	1024.8	1024.8	1022.6	1013.8	1009.5	1005.1	1002.9	1005.1
45°	1000.7	989.7	978.7	969.9	967.7	961.1	956.7	952.3	947.9	945.7	947.9
47.5°	941.3	930.3	921.5	910.5	908.3	906.1	899.5	895.1	888.5	890.7	890.7
50°	884.1	873.1	862.1	853.3	848.9	842.3	842.3	837.9	829.1	826.9	831.3
52.5°	824.7	813.7	802.7	793.9	791.7	785.1	778.5	776.3	771.9	774.1	771.9
55°	765.3	752.1	741.1	734.5	730.1	725.7	721.3	717.0	710.4	714.8	714.8
57.5°	699.4	688.4	681.8	673.0	670.8	668.6	659.8	657.6	651.0	653.2	651.0
60°	640.0	629.0	622.4	613.6	611.4	604.8	600.4	598.2	591.6	596.0	591.6
62.5°	582.8	565.2	556.4	547.6	547.6	543.2	538.8	534.4	527.8	525.6	525.6
65°	516.8	505.8	499.2	490.4	490.4	486.0	481.6	477.2	470.6	468.4	472.8
67.5°	457.4	450.8	439.8	433.2	433.2	428.9	424.5	422.3	415.7	413.5	415.7
70°	402.5	395.9	384.9	378.3	378.3	376.1	369.5	367.3	360.7	358.5	356.3
72.5°	347.5	336.5	332.1	325.5	325.5	323.3	316.7	314.5	307.9	305.7	303.5
75°	292.5	288.1	279.3	274.9	277.1	270.5	268.3	263.9	257.3	255.1	255.1
77.5°	241.9	239.7	230.9	226.5	226.5	222.1	219.9	215.5	213.3	208.9	206.7
80°	197.9	195.7	186.9	182.5	182.5	178.1	173.7	171.5	164.9	160.5	160.5
82.5°	158.3	153.9	147.3	143.0	140.8	138.6	134.2	129.8	123.2	121.0	116.6
85°	118.8	116.6	110.0	107.8	103.4	103.4	99.0	94.6	88.0	85.8	83.6
87.5°	83.6	83.6	77.0	74.8	72.6	70.4	66.0	63.8	57.2	55.0	50.6
90°	52.8	52.8	48.4	46.2	44.0	41.8	39.6	37.4	33.0	30.8	26.4
92.5°	24.2	24.2	22.0	19.8	19.8	19.8	17.6	17.6	15.4	13.2	11.0
95°	2.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9
2.5°	1563.7	1563.7	1561.5	1563.7	1561.5	1561.5	1563.7	1563.7	1563.7	1563.7	1563.7
5°	1559.3	1557.1	1557.1	1557.1	1554.9	1557.1	1559.3	1559.3	1559.3	1559.3	1559.3
7.5°	1546.1	1546.1	1546.1	1546.1	1546.1	1546.1	1548.3	1548.3	1550.5	1550.5	1552.7
10°	1532.9	1532.9	1532.9	1532.9	1532.9	1535.1	1535.1	1539.5	1539.5	1541.7	1543.9
12.5°	1513.1	1513.1	1513.1	1515.3	1515.3	1517.5	1519.7	1521.9	1524.1	1528.5	1528.5
15°	1491.1	1491.1	1491.1	1493.3	1493.3	1495.5	1499.9	1502.1	1506.5	1510.9	1510.9
17.5°	1464.7	1464.7	1462.5	1466.9	1466.9	1469.1	1475.7	1477.9	1482.3	1486.7	1488.9
20°	1431.7	1431.7	1431.7	1436.1	1436.1	1440.5	1444.9	1449.3	1455.9	1462.5	1464.7
22.5°	1396.5	1396.5	1400.9	1403.1	1403.1	1409.7	1414.1	1420.7	1425.1	1431.7	1436.1
25°	1354.7	1359.1	1359.1	1363.5	1367.9	1370.1	1378.9	1383.3	1389.9	1398.7	1403.1
27.5°	1315.1	1317.3	1321.7	1321.7	1326.1	1328.3	1339.3	1341.5	1350.3	1361.3	1365.7
30°	1264.6	1271.2	1271.2	1277.8	1282.2	1286.6	1295.4	1299.7	1308.5	1319.5	1328.3
32.5°	1218.4	1225.0	1229.4	1229.4	1236.0	1240.4	1251.4	1255.8	1266.8	1275.6	1286.6
35°	1170.0	1174.4	1178.8	1181.0	1185.4	1192.0	1203.0	1207.4	1218.4	1229.4	1240.4
37.5°	1115.0	1123.8	1128.2	1128.2	1132.6	1137.0	1150.2	1156.8	1167.8	1178.8	1189.8
40°	1064.4	1068.8	1073.2	1075.4	1082.0	1084.2	1097.4	1104.0	1112.8	1128.2	1137.0
42.5°	1007.3	1011.6	1018.2	1018.2	1020.4	1033.6	1040.2	1046.8	1057.8	1073.2	1086.4
45°	950.1	954.5	961.1	963.3	963.3	974.3	983.1	989.7	1000.7	1016.0	1029.2
47.5°	890.7	895.1	901.7	901.7	903.9	914.9	923.7	930.3	941.3	956.7	967.7
50°	833.5	837.9	842.3	842.3	844.5	848.9	862.1	868.7	879.7	895.1	906.1
52.5°	774.1	776.3	782.9	782.9	782.9	791.7	800.5	807.1	818.1	833.5	840.1
55°	712.6	714.8	721.3	723.5	723.5	732.3	738.9	745.5	754.3	765.3	780.7
57.5°	648.8	655.4	659.8	659.8	664.2	668.6	677.4	679.6	695.0	701.6	712.6
60°	591.6	596.0	600.4	600.4	598.2	607.0	613.6	618.0	624.6	640.0	648.8
62.5°	527.8	530.0	534.4	534.4	536.6	541.0	545.4	554.2	556.4	565.2	582.8
65°	470.6	470.6	472.8	475.0	475.0	479.4	483.8	490.4	492.6	499.2	512.4
67.5°	411.3	413.5	415.7	415.7	415.7	417.9	422.3	428.9	431.1	435.4	446.4
70°	354.1	356.3	358.5	358.5	358.5	358.5	362.9	369.5	369.5	373.9	380.5
72.5°	301.3	301.3	303.5	303.5	303.5	303.5	303.5	310.1	307.9	314.5	318.9
75°	250.7	248.5	248.5	250.7	248.5	248.5	248.5	252.9	252.9	252.9	259.5
77.5°	200.1	200.1	197.9	195.7	195.7	195.7	195.7	197.9	200.1	202.3	202.3
80°	153.9	151.7	151.7	149.5	147.3	147.3	145.1	149.5	145.1	151.7	151.7
82.5°	112.2	110.0	107.8	105.6	105.6	103.4	101.2	103.4	103.4	103.4	107.8
85°	77.0	72.6	72.6	68.2	68.2	66.0	66.0	68.2	66.0	68.2	70.4
87.5°	46.2	44.0	41.8	37.4	37.4	37.4	35.2	37.4	37.4	39.6	41.8
90°	22.0	19.8	17.6	17.6	15.4	15.4	15.4	17.6	17.6	19.8	24.2
92.5°	8.8	6.6	6.6	4.4	4.4	4.4	6.6	8.8	11.0	13.2	15.4
95°	2.2	2.2	2.2	2.2	0.0	2.2	2.2	4.4	6.6	8.8	11.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.4	4.4	6.6
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.4
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9
2.5°	1563.7	1563.7	1563.7	1563.7	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9
5°	1559.3	1561.5	1561.5	1561.5	1561.5	1563.7	1563.7	1563.7	1563.7	1563.7	1561.5
7.5°	1552.7	1554.9	1554.9	1554.9	1554.9	1557.1	1557.1	1557.1	1557.1	1557.1	1554.9
10°	1543.9	1543.9	1546.1	1548.3	1548.3	1550.5	1550.5	1552.7	1550.5	1550.5	1548.3
12.5°	1530.7	1532.9	1535.1	1535.1	1537.3	1539.5	1539.5	1541.7	1539.5	1539.5	1537.3
15°	1515.3	1517.5	1519.7	1521.9	1524.1	1524.1	1526.3	1526.3	1524.1	1524.1	1521.9
17.5°	1495.5	1497.7	1499.9	1502.1	1506.5	1506.5	1508.7	1508.7	1508.7	1506.5	1504.3
20°	1469.1	1473.5	1477.9	1480.1	1482.3	1486.7	1486.7	1486.7	1486.7	1486.7	1484.5
22.5°	1442.7	1447.1	1451.5	1453.7	1460.3	1462.5	1462.5	1464.7	1464.7	1462.5	1460.3
25°	1409.7	1416.3	1420.7	1422.9	1429.5	1431.7	1433.9	1433.9	1431.7	1431.7	1427.3
27.5°	1376.7	1385.5	1385.5	1389.9	1396.5	1396.5	1403.1	1400.9	1403.1	1398.7	1394.3
30°	1337.1	1345.9	1348.1	1352.5	1356.9	1361.3	1367.9	1367.9	1370.1	1363.5	1359.1
32.5°	1297.6	1306.3	1308.5	1312.9	1317.3	1321.7	1328.3	1328.3	1330.5	1326.1	1321.7
35°	1247.0	1262.4	1264.6	1269.0	1275.6	1280.0	1286.6	1286.6	1288.8	1286.6	1277.8
37.5°	1198.6	1214.0	1216.2	1222.8	1231.6	1236.0	1240.4	1240.4	1244.8	1238.2	1233.8
40°	1152.4	1163.4	1165.6	1172.2	1183.2	1183.2	1192.0	1192.0	1189.8	1189.8	1183.2
42.5°	1097.4	1108.4	1112.8	1119.4	1128.2	1137.0	1141.4	1139.2	1139.2	1143.6	1137.0
45°	1040.2	1053.4	1055.6	1062.2	1071.0	1079.8	1086.4	1084.2	1084.2	1086.4	1077.6
47.5°	980.9	991.9	994.1	1002.9	1011.6	1016.0	1027.0	1031.4	1027.0	1029.2	1020.4
50°	914.9	930.3	934.7	941.3	952.3	956.7	967.7	972.1	967.7	965.5	958.9
52.5°	857.7	870.9	870.9	879.7	888.5	899.5	906.1	910.5	906.1	903.9	903.9
55°	791.7	804.9	807.1	811.5	822.5	833.5	840.1	846.7	842.3	844.5	840.1
57.5°	725.7	736.7	738.9	745.5	754.3	767.5	771.9	778.5	778.5	776.3	767.5
60°	659.8	670.8	673.0	679.6	686.2	695.0	706.0	712.6	708.2	710.4	699.4
62.5°	593.8	602.6	607.0	609.2	620.2	631.2	635.6	635.6	644.4	642.2	633.4
65°	521.2	530.0	532.2	536.6	545.4	556.4	563.0	563.0	567.4	567.4	558.6
67.5°	455.2	464.0	466.2	468.4	477.2	490.4	492.6	494.8	497.0	497.0	490.4
70°	389.3	398.1	400.3	404.7	409.1	422.3	424.5	426.7	433.2	431.1	424.5
72.5°	327.7	334.3	336.5	338.7	343.1	356.3	358.5	360.7	367.3	367.3	367.3
75°	266.1	272.7	274.9	274.9	281.5	292.5	296.9	299.1	303.5	305.7	305.7
77.5°	208.9	213.3	213.3	215.5	222.1	233.1	237.5	241.9	244.1	246.3	248.5
80°	156.1	160.5	162.7	164.9	169.3	178.1	182.5	189.1	191.3	193.5	195.7
82.5°	110.0	114.4	114.4	118.8	123.2	132.0	136.4	143.0	145.1	149.5	151.7
85°	72.6	79.2	81.4	81.4	88.0	94.6	101.2	105.6	110.0	112.2	116.6
87.5°	46.2	50.6	55.0	57.2	61.6	68.2	72.6	77.0	81.4	85.8	90.2
90°	28.6	33.0	35.2	39.6	44.0	48.4	52.8	59.4	61.6	66.0	70.4
92.5°	19.8	24.2	26.4	26.4	30.8	35.2	39.6	44.0	46.2	48.4	50.6
95°	13.2	17.6	17.6	19.8	22.0	26.4	28.6	30.8	33.0	33.0	33.0
97.5°	8.8	11.0	13.2	13.2	15.4	17.6	19.8	19.8	22.0	22.0	22.0
100°	4.4	6.6	6.6	8.8	8.8	11.0	13.2	13.2	13.2	13.2	13.2
102.5°	2.2	4.4	4.4	4.4	6.6	6.6	6.6	8.8	8.8	8.8	8.8
105°	0.0	2.2	2.2	2.2	2.2	4.4	4.4	4.4	4.4	4.4	4.4
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9
2.5°	1563.7	1563.7	1563.7	1563.7	1563.7	1563.7	1563.7	1563.7	1563.7	1563.7	1563.7
5°	1561.5	1559.3	1559.3	1559.3	1559.3	1559.3	1559.3	1559.3	1559.3	1559.3	1559.3
7.5°	1554.9	1554.9	1554.9	1552.7	1552.7	1552.7	1552.7	1550.5	1550.5	1548.3	1548.3
10°	1548.3	1546.1	1546.1	1543.9	1543.9	1543.9	1541.7	1541.7	1539.5	1537.3	1537.3
12.5°	1535.1	1535.1	1532.9	1532.9	1530.7	1528.5	1526.3	1524.1	1521.9	1521.9	1517.5
15°	1519.7	1517.5	1517.5	1513.1	1513.1	1510.9	1506.5	1504.3	1502.1	1499.9	1495.5
17.5°	1502.1	1497.7	1497.7	1495.5	1493.3	1488.9	1484.5	1482.3	1477.9	1475.7	1473.5
20°	1480.1	1477.9	1477.9	1471.3	1466.9	1462.5	1458.1	1453.7	1451.5	1444.9	1440.5
22.5°	1455.9	1451.5	1451.5	1447.1	1440.5	1436.1	1427.3	1422.9	1418.5	1411.9	1407.5
25°	1422.9	1418.5	1418.5	1411.9	1405.3	1400.9	1392.1	1385.5	1378.9	1372.3	1372.3
27.5°	1389.9	1385.5	1383.3	1376.7	1370.1	1363.5	1354.7	1345.9	1341.5	1334.9	1330.5
30°	1352.5	1348.1	1348.1	1339.3	1332.7	1323.9	1312.9	1304.1	1295.4	1291.0	1286.6
32.5°	1315.1	1312.9	1306.3	1299.7	1291.0	1282.2	1269.0	1260.2	1251.4	1244.8	1240.4
35°	1273.4	1271.2	1264.6	1258.0	1247.0	1236.0	1222.8	1214.0	1205.2	1198.6	1192.0
37.5°	1227.2	1225.0	1218.4	1207.4	1200.8	1187.6	1174.4	1163.4	1156.8	1148.0	1139.2
40°	1178.8	1174.4	1167.8	1159.0	1150.2	1137.0	1121.6	1112.8	1104.0	1095.2	1086.4
42.5°	1126.0	1123.8	1117.2	1104.0	1095.2	1084.2	1068.8	1057.8	1049.0	1038.0	1033.6
45°	1071.0	1071.0	1064.4	1053.4	1040.2	1027.0	1013.8	1002.9	991.9	983.1	974.3
47.5°	1013.8	1013.8	1005.1	996.3	983.1	969.9	954.5	943.5	932.5	925.9	917.1
50°	954.5	952.3	947.9	932.5	923.7	910.5	895.1	886.3	875.3	866.5	857.7
52.5°	892.9	890.7	886.3	870.9	862.1	848.9	833.5	824.7	815.9	804.9	798.3
55°	829.1	826.9	818.1	813.7	798.3	787.3	771.9	765.3	752.1	743.3	736.7
57.5°	760.9	760.9	754.3	745.5	732.3	721.3	708.2	699.4	688.4	681.8	675.2
60°	695.0	695.0	690.6	679.6	668.6	657.6	644.4	637.8	626.8	622.4	615.8
62.5°	629.0	629.0	620.2	613.6	602.6	591.6	580.6	565.2	558.6	552.0	547.6
65°	554.2	554.2	545.4	543.2	532.2	521.2	512.4	508.0	499.2	492.6	486.0
67.5°	488.2	488.2	479.4	477.2	468.4	459.6	448.6	446.4	435.4	433.2	426.7
70°	422.3	424.5	417.9	411.3	404.7	398.1	389.3	382.7	376.1	373.9	369.5
72.5°	358.5	356.3	356.3	351.9	345.3	338.7	332.1	327.7	321.1	318.9	314.5
75°	299.1	296.9	294.7	294.7	288.1	281.5	277.1	274.9	268.3	263.9	261.7
77.5°	241.9	244.1	244.1	239.7	235.3	230.9	228.7	224.3	217.7	215.5	213.3
80°	191.3	193.5	193.5	189.1	186.9	182.5	178.1	178.1	171.5	171.5	169.3
82.5°	147.3	147.3	147.3	147.3	143.0	140.8	140.8	134.2	134.2	132.0	129.8
85°	114.4	114.4	114.4	116.6	114.4	112.2	112.2	107.8	105.6	103.4	101.2
87.5°	92.4	92.4	94.6	94.6	94.6	92.4	92.4	90.2	88.0	83.6	81.4
90°	70.4	72.6	72.6	74.8	74.8	74.8	72.6	70.4	68.2	66.0	63.8
92.5°	52.8	52.8	55.0	55.0	55.0	55.0	55.0	52.8	50.6	50.6	48.4
95°	33.0	35.2	35.2	35.2	37.4	37.4	37.4	37.4	35.2	33.0	33.0
97.5°	22.0	19.8	19.8	19.8	19.8	22.0	22.0	22.0	19.8	19.8	19.8
100°	13.2	11.0	11.0	8.8	8.8	8.8	8.8	8.8	8.8	8.8	11.0
102.5°	6.6	6.6	6.6	4.4	4.4	2.2	2.2	2.2	2.2	4.4	6.6
105°	2.2	2.2	2.2	2.2	0.0	0.0	0.0	0.0	0.0	2.2	2.2
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9
2.5°	1563.7	1563.7	1563.7	1563.7	1563.7	1565.9	1563.7	1565.9	1563.7	1563.7	1563.7
5°	1559.3	1559.3	1559.3	1559.3	1559.3	1559.3	1559.3	1559.3	1559.3	1559.3	1557.1
7.5°	1548.3	1548.3	1548.3	1548.3	1548.3	1548.3	1548.3	1548.3	1548.3	1548.3	1548.3
10°	1537.3	1537.3	1537.3	1535.1	1537.3	1537.3	1535.1	1537.3	1535.1	1537.3	1537.3
12.5°	1519.7	1517.5	1517.5	1517.5	1517.5	1517.5	1517.5	1517.5	1517.5	1517.5	1519.7
15°	1497.7	1497.7	1495.5	1495.5	1493.3	1493.3	1493.3	1493.3	1495.5	1495.5	1497.7
17.5°	1471.3	1471.3	1471.3	1466.9	1469.1	1464.7	1466.9	1466.9	1469.1	1469.1	1471.3
20°	1440.5	1438.3	1438.3	1436.1	1433.9	1433.9	1436.1	1436.1	1440.5	1440.5	1442.7
22.5°	1407.5	1405.3	1405.3	1400.9	1398.7	1398.7	1400.9	1403.1	1407.5	1405.3	1409.7
25°	1367.9	1365.7	1365.7	1359.1	1363.5	1361.3	1359.1	1363.5	1365.7	1365.7	1370.1
27.5°	1326.1	1323.9	1321.7	1319.5	1319.5	1319.5	1317.3	1317.3	1323.9	1323.9	1328.3
30°	1282.2	1280.0	1277.8	1275.6	1273.4	1273.4	1271.2	1273.4	1277.8	1282.2	1284.4
32.5°	1236.0	1233.8	1227.2	1227.2	1227.2	1225.0	1225.0	1227.2	1231.6	1233.8	1238.2
35°	1185.4	1183.2	1178.8	1174.4	1176.6	1176.6	1174.4	1178.8	1183.2	1189.8	1189.8
37.5°	1134.8	1132.6	1128.2	1128.2	1123.8	1123.8	1121.6	1123.8	1132.6	1134.8	1139.2
40°	1079.8	1079.8	1075.4	1071.0	1071.0	1071.0	1068.8	1071.0	1075.4	1086.4	1086.4
42.5°	1027.0	1024.8	1018.2	1016.0	1013.8	1013.8	1013.8	1018.2	1018.2	1031.4	1031.4
45°	969.9	967.7	961.1	958.9	958.9	956.7	956.7	961.1	963.3	974.3	974.3
47.5°	910.5	908.3	901.7	901.7	901.7	899.5	897.3	901.7	906.1	914.9	917.1
50°	853.3	848.9	844.5	842.3	840.1	840.1	837.9	844.5	848.9	857.7	855.5
52.5°	791.7	791.7	787.3	782.9	782.9	782.9	780.7	787.3	787.3	796.1	798.3
55°	732.3	727.9	725.7	723.5	721.3	721.3	721.3	725.7	725.7	736.7	736.7
57.5°	668.6	668.6	662.0	662.0	662.0	659.8	659.8	662.0	666.4	675.2	675.2
60°	609.2	609.2	600.4	602.6	600.4	600.4	600.4	602.6	604.8	613.6	613.6
62.5°	543.2	538.8	536.6	534.4	534.4	534.4	536.6	536.6	538.8	547.6	547.6
65°	483.8	479.4	477.2	477.2	475.0	475.0	475.0	477.2	479.4	486.0	486.0
67.5°	424.5	420.1	417.9	417.9	415.7	417.9	417.9	417.9	420.1	426.7	426.7
70°	367.3	365.1	358.5	360.7	358.5	360.7	360.7	358.5	360.7	367.3	367.3
72.5°	312.3	310.1	305.7	305.7	303.5	303.5	301.3	301.3	303.5	310.1	310.1
75°	259.5	255.1	252.9	252.9	250.7	246.3	250.7	248.5	248.5	255.1	255.1
77.5°	213.3	211.1	208.9	204.5	202.3	200.1	200.1	197.9	197.9	202.3	200.1
80°	167.1	162.7	160.5	160.5	158.3	156.1	153.9	151.7	151.7	153.9	153.9
82.5°	127.6	125.4	123.2	123.2	118.8	116.6	116.6	112.2	114.4	112.2	114.4
85°	101.2	96.8	94.6	92.4	90.2	85.8	85.8	81.4	81.4	79.2	79.2
87.5°	79.2	79.2	72.6	70.4	68.2	63.8	59.4	57.2	57.2	52.8	52.8
90°	61.6	61.6	57.2	55.0	50.6	46.2	44.0	39.6	37.4	35.2	33.0
92.5°	46.2	46.2	41.8	39.6	37.4	35.2	33.0	30.8	28.6	24.2	24.2
95°	33.0	30.8	28.6	28.6	26.4	26.4	24.2	22.0	19.8	17.6	17.6
97.5°	19.8	19.8	19.8	19.8	19.8	17.6	15.4	15.4	13.2	11.0	11.0
100°	11.0	11.0	11.0	13.2	11.0	11.0	11.0	8.8	8.8	6.6	6.6
102.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	4.4	4.4
105°	2.2	2.2	2.2	4.4	4.4	4.4	4.4	4.4	2.2	2.2	2.2
107.5°	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9	1565.9
2.5°	1563.7	1563.7	1563.7	1563.7	1563.7	1563.7	1563.7	1563.7	1563.7	1563.7	1565.9
5°	1559.3	1559.3	1559.3	1559.3	1561.5	1561.5	1561.5	1561.5	1561.5	1561.5	1561.5
7.5°	1548.3	1548.3	1550.5	1550.5	1552.7	1552.7	1552.7	1554.9	1554.9	1554.9	1554.9
10°	1537.3	1537.3	1539.5	1541.7	1541.7	1543.9	1543.9	1546.1	1546.1	1548.3	1548.3
12.5°	1519.7	1519.7	1524.1	1526.3	1526.3	1528.5	1530.7	1532.9	1532.9	1535.1	1535.1
15°	1497.7	1499.9	1502.1	1506.5	1508.7	1513.1	1513.1	1517.5	1519.7	1519.7	1521.9
17.5°	1471.3	1475.7	1480.1	1482.3	1486.7	1491.1	1493.3	1497.7	1502.1	1502.1	1504.3
20°	1442.7	1447.1	1453.7	1455.9	1460.3	1466.9	1469.1	1473.5	1477.9	1482.3	1482.3
22.5°	1411.9	1416.3	1420.7	1427.3	1431.7	1438.3	1442.7	1449.3	1455.9	1455.9	1460.3
25°	1372.3	1378.9	1385.5	1389.9	1396.5	1405.3	1411.9	1416.3	1425.1	1427.3	1429.5
27.5°	1330.5	1337.1	1345.9	1350.3	1359.1	1367.9	1376.7	1385.5	1392.1	1394.3	1398.7
30°	1286.6	1293.2	1301.9	1310.7	1319.5	1330.5	1339.3	1348.1	1359.1	1359.1	1363.5
32.5°	1242.6	1251.4	1260.2	1266.8	1275.6	1288.8	1299.7	1308.5	1317.3	1321.7	1326.1
35°	1194.2	1205.2	1214.0	1220.6	1231.6	1244.8	1255.8	1264.6	1275.6	1280.0	1286.6
37.5°	1141.4	1150.2	1163.4	1172.2	1187.6	1194.2	1207.4	1216.2	1231.6	1236.0	1240.4
40°	1090.8	1097.4	1110.6	1119.4	1130.4	1145.8	1156.8	1172.2	1183.2	1185.4	1192.0
42.5°	1033.6	1046.8	1055.6	1064.4	1075.4	1090.8	1101.8	1117.2	1132.6	1134.8	1141.4
45°	978.7	989.7	998.5	1009.5	1020.4	1035.8	1051.2	1064.4	1075.4	1079.8	1086.4
47.5°	919.3	932.5	941.3	954.5	967.7	978.7	994.1	1007.3	1018.2	1020.4	1029.2
50°	862.1	873.1	879.7	890.7	908.3	919.3	930.3	947.9	956.7	963.3	967.7
52.5°	802.7	809.3	820.3	835.7	846.7	859.9	868.7	884.1	895.1	899.5	908.3
55°	743.3	752.1	756.5	767.5	785.1	791.7	809.3	818.1	833.5	833.5	837.9
57.5°	677.4	688.4	695.0	710.4	721.3	730.1	741.1	754.3	765.3	767.5	774.1
60°	618.0	626.8	633.4	648.8	657.6	666.4	677.4	690.6	699.4	701.6	710.4
62.5°	554.2	558.6	565.2	582.8	587.2	598.2	613.6	622.4	633.4	635.6	640.0
65°	492.6	499.2	501.4	514.6	519.0	527.8	543.2	552.0	558.6	563.0	563.0
67.5°	431.1	435.4	442.0	453.0	455.2	464.0	477.2	486.0	492.6	497.0	497.0
70°	367.3	373.9	380.5	391.5	391.5	402.5	411.3	420.1	428.9	431.1	433.2
72.5°	310.1	316.7	321.1	329.9	332.1	340.9	349.7	358.5	365.1	367.3	371.7
75°	257.3	259.5	261.7	270.5	272.7	285.9	290.3	296.9	303.5	305.7	305.7
77.5°	204.5	206.7	208.9	215.5	219.9	226.5	230.9	237.5	244.1	241.9	250.7
80°	156.1	156.1	158.3	164.9	169.3	173.7	178.1	182.5	186.9	189.1	195.7
82.5°	114.4	112.2	112.2	118.8	121.0	121.0	127.6	132.0	136.4	140.8	138.6
85°	79.2	77.0	77.0	79.2	79.2	83.6	85.8	88.0	92.4	94.6	94.6
87.5°	50.6	48.4	46.2	48.4	46.2	48.4	50.6	52.8	55.0	57.2	59.4
90°	33.0	28.6	26.4	26.4	24.2	24.2	24.2	24.2	26.4	26.4	28.6
92.5°	22.0	19.8	17.6	15.4	13.2	11.0	8.8	8.8	11.0	11.0	11.0
95°	15.4	13.2	11.0	8.8	6.6	6.6	4.4	2.2	2.2	2.2	2.2
97.5°	11.0	8.8	6.6	6.6	4.4	2.2	2.2	0.0	0.0	0.0	0.0
100°	6.6	4.4	4.4	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	4.4	2.2	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1565.9	1565.9	1565.9	1565.9
2.5°	1563.7	1563.7	1565.9	1563.7
5°	1561.5	1561.5	1563.7	1561.5
7.5°	1554.9	1554.9	1554.9	1554.9
10°	1548.3	1548.3	1550.5	1548.3
12.5°	1537.3	1539.5	1539.5	1539.5
15°	1524.1	1524.1	1524.1	1524.1
17.5°	1504.3	1506.5	1510.9	1508.7
20°	1484.5	1486.7	1491.1	1488.9
22.5°	1462.5	1464.7	1466.9	1464.7
25°	1433.9	1436.1	1438.3	1438.3
27.5°	1403.1	1409.7	1409.7	1407.5
30°	1367.9	1376.7	1378.9	1376.7
32.5°	1330.5	1339.3	1341.5	1339.3
35°	1293.2	1297.6	1304.1	1301.9
37.5°	1244.8	1253.6	1260.2	1260.2
40°	1198.6	1209.6	1214.0	1214.0
42.5°	1152.4	1156.8	1163.4	1163.4
45°	1097.4	1104.0	1110.6	1112.8
47.5°	1038.0	1046.8	1051.2	1053.4
50°	978.7	987.5	991.9	994.1
52.5°	919.3	923.7	930.3	932.5
55°	851.1	857.7	864.3	866.5
57.5°	782.9	791.7	796.1	798.3
60°	714.8	725.7	730.1	730.1
62.5°	648.8	655.4	659.8	657.6
65°	580.6	587.2	589.4	589.4
67.5°	505.8	514.6	516.8	516.8
70°	439.8	446.4	450.8	448.6
72.5°	376.1	382.7	384.9	384.9
75°	314.5	318.9	321.1	323.3
77.5°	252.9	259.5	261.7	266.1
80°	195.7	202.3	206.7	211.1
82.5°	145.1	149.5	156.1	158.3
85°	99.0	105.6	110.0	112.2
87.5°	61.6	66.0	70.4	74.8
90°	30.8	35.2	39.6	44.0
92.5°	13.2	15.4	17.6	22.0
95°	4.4	4.4	6.6	6.6
97.5°	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0

TEST NUMBER: P571960

CATALOG NUMBER: 22ID-45-L830-SWD

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0

TEST NUMBER: P571960
CATALOG NUMBER: 22ID-45-L830-SWD

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.57	18.19	16.94	18.52	18.85	15.45	17.07	15.82	17.40	17.72
	3H	18.30	19.77	18.68	20.11	20.48	17.04	18.51	17.42	18.85	19.22
	4H	18.95	20.33	19.35	20.69	21.08	17.63	19.01	18.03	19.37	19.76
	6H	19.43	20.72	19.85	21.09	21.49	18.06	19.35	18.48	19.72	20.12
	8H	19.60	20.83	20.03	21.22	21.64	18.20	19.43	18.63	19.83	20.24
	12H	19.72	20.90	20.16	21.29	21.73	18.30	19.48	18.74	19.87	20.31
4H	2H	17.02	18.41	17.43	18.76	19.15	16.08	17.46	16.48	17.82	18.21
	3H	18.97	20.13	19.38	20.54	20.95	17.87	19.04	18.29	19.44	19.86
	4H	19.74	20.80	20.18	21.22	21.67	18.58	19.63	19.02	20.06	20.50
	6H	20.37	21.29	20.83	21.74	22.21	19.13	20.05	19.59	20.50	20.97
	8H	20.59	21.45	21.05	21.90	22.38	19.31	20.17	19.78	20.62	21.10
	12H	20.76	21.54	21.25	22.03	22.51	19.45	20.23	19.94	20.72	21.20
8H	4H	19.96	20.82	20.42	21.27	21.75	18.89	19.75	19.35	20.20	20.68
	6H	20.69	21.41	21.19	21.91	22.40	19.54	20.26	20.04	20.76	21.25
	8H	20.99	21.64	21.50	22.15	22.65	19.79	20.44	20.31	20.96	21.45
	12H	21.25	21.82	21.76	22.32	22.89	20.01	20.58	20.52	21.08	21.65
12H	4H	19.97	20.75	20.46	21.24	21.72	18.92	19.70	19.41	20.19	20.67
	6H	20.72	21.37	21.24	21.89	22.38	19.60	20.25	20.12	20.77	21.26
	8H	21.07	21.65	21.59	22.15	22.72	19.91	20.49	20.42	20.98	21.56