

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P212783

Luminaire Tested: **LE_6B15D010 EC6B10208027 6LBSWL11**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P212783
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29203)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LE_6B15D010 EC6B10208027 6LBSWLI1
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH SPECULAR CLEAR TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 2700K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1675.6 lumens
Efficiency: N/A
Efficacy: 116.4 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.24 / 1.18
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

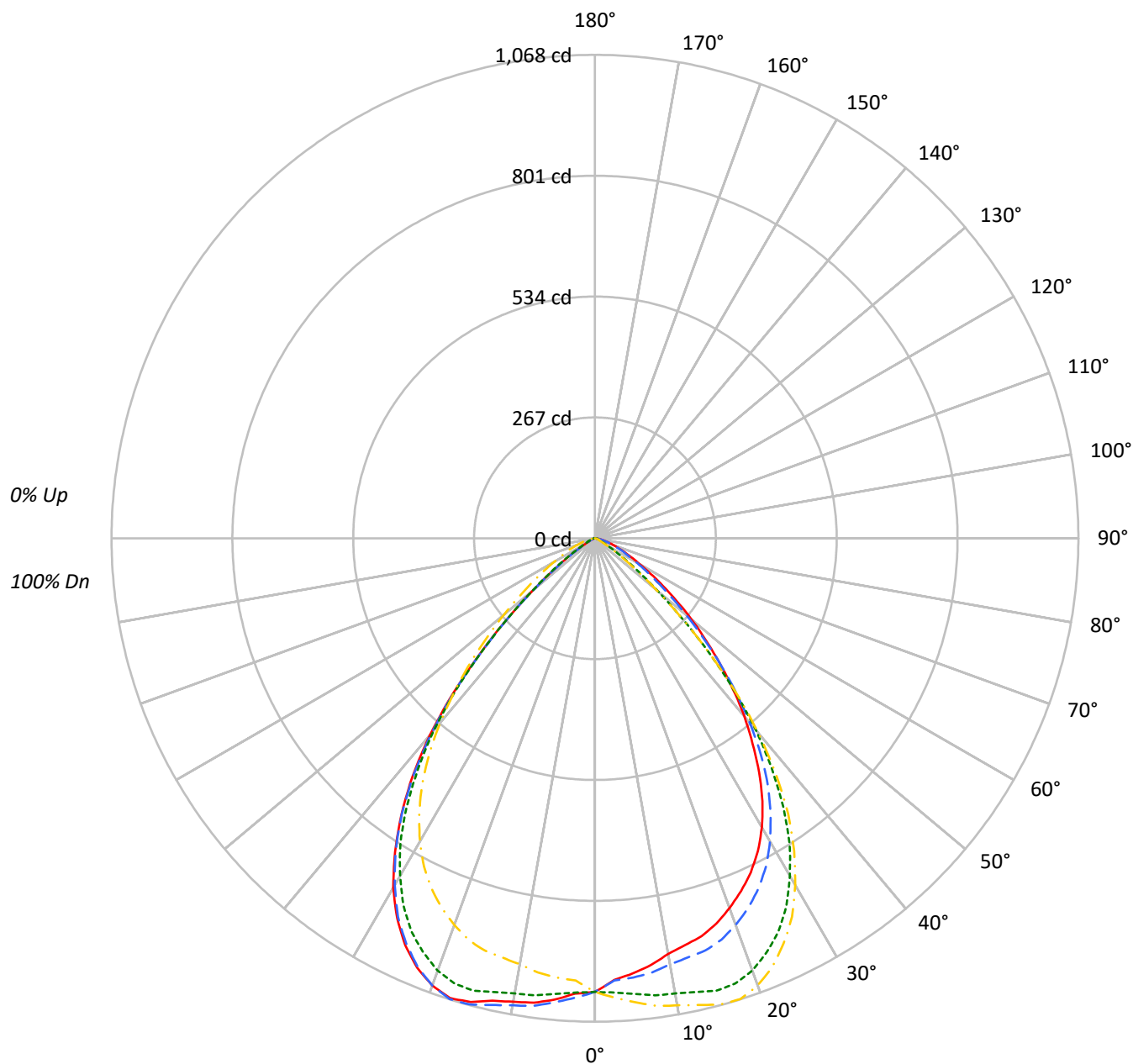
Input Watts (W): 14.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	112	109	106	103	110	107	104	102	103	100	99		99	97	96		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	98	91	84	80	96	89	84	79	86	82	78		84	80	76		81
4	92	83	76	71	90	82	75	71	79	74	70		77	73	69		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	57	79	69	62	57	67	61	57		66	60	56		64
7	76	64	57	52	74	64	57	52	62	56	52		61	56	51		60
8	71	60	53	48	70	59	52	48	58	52	47		57	51	47		56
9	67	55	48	44	66	55	48	44	54	48	43		53	47	43		52
10	63	52	45	40	62	51	45	40	50	44	40		49	44	40		49

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	54941	54941	54941	54941
5°	53098	55602	56306	55602
10°	51886	56829	57865	56829
15°	51646	58735	60188	58735
20°	50702	59283	61325	59283
25°	49261	58007	59991	58007
30°	46678	54502	56426	54502
35°	42322	48559	49891	48559
40°	36740	39574	40576	39574
45°	30119	27321	27491	27321
50°	23675	15317	15019	15317
55°	17500	7589	6795	7589
60°	12400	3333	2423	3333
65°	9223	2127	1505	2127
70°	6732	1683	1122	1683
75°	4956	1250	741	1250
80°	3315	1105	347	1105
85°	2201	692	692	692



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.9	5.7
10°-20°	284.2	17.0
20°-30°	424.0	25.3
30°-40°	435.7	26.0
40°-50°	282.1	16.8
50°-60°	104.9	6.3
60°-70°	34.4	2.1
70°-80°	12.2	0.7
80°-90°	2.2	0.1
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°-30°	804.1	48.0
0°-40°	1239.8	74.0
0°-60°	1626.8	97.1
0°-90°	1675.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1675.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1002	1002	1002	1002	1002	
5°	965	1010	1023	1010	965	91
15°	910	1035	1060	1035	910	256
25°	814	959	992	959	814	373
35°	632	726	746	726	632	393
45°	388	352	355	352	388	300
55°	183	79	71	79	183	167
65°	71	16	12	16	71	72
75°	23	6	4	6	23	26
85°	4	1	1	1	4	5
90°	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°	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2
2.5°	976.5	990.5	981.2	987.0	977.8	977.8	996.4	985.9	994.0	985.9	977.8
5°	964.9	982.4	970.8	976.5	968.4	969.5	987.0	978.9	987.0	981.2	974.2
7.5°	950.9	968.4	957.9	963.8	955.5	957.9	976.5	968.4	977.8	971.9	967.2
10°	932.1	950.9	941.5	947.4	940.4	941.5	960.2	954.4	962.5	959.0	955.5
12.5°	920.5	938.0	927.5	933.4	928.6	931.0	948.5	943.9	954.4	950.9	948.5
15°	910.0	926.4	917.0	922.9	919.4	920.5	939.2	934.5	946.2	943.9	942.8
17.5°	892.5	910.0	899.5	906.5	903.0	904.1	922.9	919.4	931.0	931.0	929.9
20°	869.1	886.6	878.5	883.1	880.9	883.1	899.5	897.1	908.9	908.9	908.9
22.5°	843.5	861.0	851.6	856.4	854.0	857.5	872.6	872.6	882.0	883.1	884.4
25°	814.4	831.9	822.5	828.4	826.0	828.4	842.4	843.5	851.6	851.6	854.0
27.5°	779.4	796.9	787.5	792.1	791.0	792.1	807.4	809.6	814.4	815.5	817.9
30°	737.4	753.6	744.4	749.0	749.0	749.0	764.1	765.4	770.0	771.1	773.5
32.5°	688.4	702.4	695.4	700.0	698.9	701.1	711.6	716.4	722.1	721.0	722.1
35°	632.4	647.5	640.5	644.0	645.1	648.6	655.6	661.5	662.6	663.9	666.1
37.5°	571.6	586.9	579.9	583.4	584.5	591.5	593.9	599.6	602.0	602.0	602.0
40°	513.4	520.4	514.5	518.0	519.1	525.0	527.4	532.0	534.4	533.1	532.0
42.5°	450.4	456.1	450.4	453.9	453.9	458.5	459.6	465.5	465.5	463.1	459.6
45°	388.5	394.4	388.5	390.9	390.9	395.5	395.5	395.5	397.9	394.4	388.5
47.5°	330.1	336.0	330.1	332.5	331.4	334.9	333.6	334.9	331.4	329.0	322.0
50°	277.6	280.0	277.6	276.5	277.6	280.0	278.9	278.9	274.1	270.6	262.5
52.5°	226.4	229.9	226.4	226.4	226.4	228.6	228.6	227.5	222.9	218.1	210.0
55°	183.1	185.5	184.4	183.1	183.1	185.5	183.1	183.1	178.5	175.0	166.9
57.5°	145.9	147.0	145.9	145.9	145.9	147.0	147.0	144.6	141.1	137.6	131.9
60°	113.1	114.4	114.4	113.1	113.1	115.5	115.5	114.4	110.9	108.5	102.6
62.5°	89.9	89.9	89.9	89.9	89.9	91.0	91.0	91.0	88.6	86.4	81.6
65°	71.1	72.4	71.1	71.1	72.4	73.5	72.4	73.5	71.1	70.0	66.5
67.5°	54.9	56.0	54.9	56.0	56.0	57.1	56.0	57.1	54.9	53.6	51.4
70°	42.0	42.0	42.0	42.0	42.0	43.1	42.0	43.1	42.0	40.9	38.5
72.5°	31.5	31.5	32.6	32.6	31.5	32.6	31.5	31.5	31.5	30.4	29.1
75°	23.4	23.4	24.5	23.4	23.4	23.4	23.4	23.4	22.1	22.1	21.0
77.5°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	15.1	15.1	14.0
80°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	9.4	9.4
82.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	5.9	5.9
85°	3.5	3.5	3.5	4.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	1.1	1.1	1.1	2.4	1.1	1.1	2.4	2.4	1.1	1.1	1.1
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):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2
2.5°	987.0	990.5	990.5	987.0	995.2	988.2	1002.2	989.4	992.9	1004.5	1003.4
5°	983.5	988.2	989.4	987.0	997.5	991.8	1005.8	992.9	998.8	1010.4	1010.4
7.5°	978.9	984.8	987.0	989.4	998.8	992.9	1009.2	996.4	1004.5	1018.5	1017.4
10°	968.4	976.5	981.2	984.8	994.0	990.5	1008.0	997.5	1004.5	1020.9	1019.8
12.5°	962.5	971.9	978.9	984.8	995.2	992.9	1010.4	1001.0	1010.4	1026.8	1026.8
15°	957.9	968.4	976.5	987.0	997.5	995.2	1013.9	1005.8	1015.0	1034.9	1033.8
17.5°	946.2	959.0	967.2	978.9	989.4	988.2	1008.0	1002.2	1012.8	1031.4	1032.5
20°	926.4	938.0	947.4	961.4	973.0	970.8	991.8	985.9	996.4	1016.2	1017.4
22.5°	900.6	912.4	921.6	936.9	947.4	946.2	967.2	961.4	971.9	990.5	991.8
25°	870.4	880.9	890.1	904.1	915.9	915.9	934.5	928.6	940.4	959.0	959.0
27.5°	833.0	842.4	850.5	866.9	876.1	876.1	893.6	887.9	899.5	915.9	914.6
30°	787.5	795.6	802.6	816.6	824.9	826.0	841.1	835.4	847.0	861.0	861.0
32.5°	732.6	740.9	745.5	763.0	768.9	767.6	779.4	773.5	785.1	800.4	796.9
35°	674.4	677.9	681.4	698.9	701.1	696.5	708.1	702.4	710.5	725.6	723.4
37.5°	607.9	609.0	609.0	624.1	625.4	621.9	628.9	621.9	627.6	641.6	640.5
40°	534.4	533.1	532.0	543.6	542.5	535.5	540.1	534.4	542.5	553.0	547.1
42.5°	459.6	456.1	451.5	457.4	452.6	446.9	449.1	439.9	445.6	453.9	446.9
45°	386.1	379.1	369.9	371.0	365.1	358.1	354.6	345.4	344.1	352.4	346.5
47.5°	317.4	303.4	295.1	290.5	281.1	275.4	268.4	257.9	253.1	257.9	252.0
50°	255.5	241.5	231.0	220.5	211.1	204.1	192.5	185.5	178.5	179.6	175.0
52.5°	201.9	192.5	175.0	166.9	157.5	149.4	138.9	130.6	122.5	122.5	117.9
55°	159.9	147.0	135.4	123.6	114.4	107.4	96.9	88.6	80.5	79.4	74.6
57.5°	123.6	114.4	101.5	89.9	84.0	77.0	66.5	57.1	52.5	49.0	45.5
60°	95.6	86.4	75.9	66.5	59.5	54.9	44.4	37.4	32.6	30.4	26.9
62.5°	77.0	68.9	59.5	50.1	45.5	40.9	32.6	26.9	22.1	19.9	17.5
65°	61.9	54.9	47.9	40.9	37.4	32.6	26.9	22.1	18.6	16.4	14.0
67.5°	47.9	43.1	37.4	32.6	29.1	25.6	21.0	17.5	15.1	12.9	11.6
70°	36.1	32.6	29.1	24.5	22.1	19.9	16.4	12.9	11.6	10.5	9.4
72.5°	28.0	24.5	21.0	18.6	16.4	15.1	12.9	10.5	9.4	8.1	7.0
75°	18.6	17.5	15.1	12.9	11.6	10.5	9.4	8.1	7.0	5.9	5.9
77.5°	12.9	11.6	10.5	9.4	8.1	8.1	7.0	5.9	4.6	4.6	3.5
80°	8.1	7.0	7.0	5.9	5.9	5.9	4.6	3.5	3.5	3.5	2.4
82.5°	5.9	4.6	4.6	3.5	3.5	3.5	3.5	2.4	2.4	2.4	1.1
85°	3.5	2.4	2.4	2.4	2.4	2.4	2.4	1.1	1.1	1.1	1.1
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	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):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2
2.5°	994.0	1004.5	1004.5	1013.9	1015.0	1012.8	1002.2	1002.2	1016.2	1024.4	1010.4
5°	1003.4	1013.9	1013.9	1023.2	1027.9	1024.4	1013.9	1015.0	1029.0	1038.4	1024.4
7.5°	1011.5	1022.0	1024.4	1034.9	1038.4	1034.9	1024.4	1026.8	1041.9	1050.0	1036.0
10°	1015.0	1025.5	1026.8	1038.4	1043.0	1038.4	1030.2	1031.4	1047.8	1053.5	1040.8
12.5°	1023.2	1033.8	1033.8	1046.5	1051.2	1047.8	1037.2	1039.5	1055.9	1061.8	1048.9
15°	1031.4	1041.9	1041.9	1055.9	1061.8	1057.0	1048.9	1050.0	1066.4	1072.2	1061.8
17.5°	1031.4	1040.8	1040.8	1055.9	1061.8	1058.2	1048.9	1050.0	1067.5	1072.2	1061.8
20°	1016.2	1026.8	1024.4	1039.5	1045.4	1041.9	1033.8	1033.8	1051.2	1055.9	1045.4
22.5°	991.8	1001.0	998.8	1012.8	1019.8	1015.0	1008.0	1006.9	1024.4	1029.0	1018.5
25°	957.9	967.2	964.9	978.9	985.9	980.0	971.9	973.0	987.0	994.0	984.8
27.5°	918.1	924.0	920.5	934.5	941.5	935.6	927.5	928.6	942.8	947.4	940.4
30°	864.5	869.1	865.6	877.4	882.0	878.5	871.5	871.5	884.4	890.1	883.1
32.5°	800.4	803.9	800.4	809.6	819.0	812.0	805.0	805.0	819.0	823.6	815.5
35°	725.6	729.1	726.9	736.1	743.1	733.9	728.0	725.6	744.4	742.0	737.4
37.5°	642.9	645.1	638.1	654.5	658.0	647.5	642.9	640.5	656.9	655.6	651.0
40°	549.5	551.9	547.1	558.9	560.0	551.9	548.4	544.9	561.1	560.0	556.5
42.5°	450.4	451.5	445.6	455.0	457.4	449.1	448.0	443.4	458.5	456.1	455.0
45°	347.6	347.6	343.0	350.0	352.4	345.4	343.0	341.9	352.4	352.4	350.0
47.5°	252.0	248.5	242.6	253.1	254.4	249.6	248.5	245.0	255.5	255.5	253.1
50°	172.6	171.5	170.4	172.6	173.9	168.0	171.5	168.0	173.9	173.9	173.9
52.5°	115.5	114.4	112.0	114.4	114.4	110.9	110.9	109.6	114.4	114.4	112.0
55°	72.4	71.1	70.0	71.1	71.1	67.6	70.0	67.6	70.0	70.0	68.9
57.5°	44.4	42.0	42.0	40.9	40.9	38.5	39.6	39.6	39.6	39.6	39.6
60°	25.6	24.5	23.4	23.4	23.4	22.1	22.1	22.1	22.1	22.1	22.1
62.5°	16.4	16.4	15.1	15.1	15.1	15.1	15.1	14.0	15.1	15.1	15.1
65°	14.0	12.9	12.9	12.9	12.9	11.6	11.6	11.6	11.6	11.6	11.6
67.5°	11.6	10.5	10.5	10.5	10.5	9.4	9.4	9.4	9.4	9.4	9.4
70°	9.4	8.1	8.1	8.1	8.1	8.1	7.0	8.1	8.1	7.0	7.0
72.5°	7.0	7.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
75°	4.6	4.6	4.6	4.6	4.6	3.5	3.5	3.5	3.5	3.5	3.5
77.5°	3.5	3.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.1	1.1	1.1	1.1	1.1	0.0	1.1	0.0	1.1	0.0	0.0
87.5°	0.0	0.0	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):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2
2.5°	1026.8	1015.0	1009.2	1020.9	1025.5	1019.8	1015.0	1006.9	1015.0	1019.8	1025.5
5°	1040.8	1030.2	1025.5	1033.8	1040.8	1034.9	1031.4	1023.2	1031.4	1034.9	1040.8
7.5°	1053.5	1043.0	1037.2	1045.4	1053.5	1045.4	1041.9	1034.9	1041.9	1045.4	1053.5
10°	1058.2	1046.5	1041.9	1048.9	1057.0	1048.9	1044.2	1039.5	1044.2	1048.9	1057.0
12.5°	1066.4	1054.8	1048.9	1054.8	1062.9	1054.8	1050.0	1046.5	1050.0	1054.8	1062.9
15°	1078.0	1067.5	1060.5	1066.4	1076.9	1067.5	1061.8	1060.5	1061.8	1067.5	1076.9
17.5°	1078.0	1069.9	1062.9	1067.5	1078.0	1071.0	1062.9	1065.2	1062.9	1071.0	1078.0
20°	1062.9	1054.8	1048.9	1048.9	1064.0	1054.8	1047.8	1051.2	1047.8	1054.8	1064.0
22.5°	1036.0	1029.0	1023.2	1022.0	1037.2	1029.0	1019.8	1026.8	1019.8	1029.0	1037.2
25°	1001.0	994.0	989.4	987.0	1002.2	992.9	984.8	991.8	984.8	992.9	1002.2
27.5°	955.5	949.8	945.0	941.5	955.5	947.4	939.2	946.2	939.2	947.4	955.5
30°	897.1	893.6	889.0	884.4	898.4	890.1	882.0	891.4	882.0	890.1	898.4
32.5°	829.5	827.1	821.4	816.6	830.6	821.4	815.5	822.5	815.5	821.4	830.6
35°	751.4	747.9	744.4	736.1	751.4	743.1	743.1	745.5	743.1	743.1	751.4
37.5°	663.9	661.5	656.9	649.9	662.6	656.9	654.5	661.5	654.5	656.9	662.6
40°	565.9	564.6	561.1	553.0	567.0	561.1	557.6	567.0	557.6	561.1	567.0
42.5°	463.1	460.9	457.4	456.1	463.1	458.5	462.0	462.0	462.0	458.5	463.1
45°	357.0	354.6	352.4	347.6	355.9	353.5	352.4	354.6	352.4	353.5	355.9
47.5°	259.0	256.6	254.4	250.9	259.0	255.5	255.5	257.9	255.5	255.5	259.0
50°	173.9	175.0	173.9	171.5	173.9	172.6	173.9	176.1	173.9	172.6	173.9
52.5°	115.5	115.5	113.1	112.0	114.4	113.1	116.6	114.4	116.6	113.1	114.4
55°	70.0	71.1	70.0	68.9	70.0	68.9	72.4	71.1	72.4	68.9	70.0
57.5°	39.6	39.6	40.9	39.6	42.0	40.9	40.9	40.9	40.9	40.9	42.0
60°	22.1	22.1	22.1	22.1	22.1	22.1	23.4	22.1	23.4	22.1	22.1
62.5°	15.1	15.1	15.1	14.0	15.1	14.0	15.1	15.1	15.1	14.0	15.1
65°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
67.5°	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
70°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
72.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
75°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0
87.5°	0.0	0.0	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



TEST NUMBER: P212783

CATALOG NUMBER: LE_6B15D010 EC6B10208027 6LBSWL11

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2
2.5°	1020.9	1009.2	1015.0	1026.8	1010.4	1024.4	1016.2	1002.2	1002.2	1012.8	1015.0
5°	1033.8	1025.5	1030.2	1040.8	1024.4	1038.4	1029.0	1015.0	1013.9	1024.4	1027.9
7.5°	1045.4	1037.2	1043.0	1053.5	1036.0	1050.0	1041.9	1026.8	1024.4	1034.9	1038.4
10°	1048.9	1041.9	1046.5	1058.2	1040.8	1053.5	1047.8	1031.4	1030.2	1038.4	1043.0
12.5°	1054.8	1048.9	1054.8	1066.4	1048.9	1061.8	1055.9	1039.5	1037.2	1047.8	1051.2
15°	1066.4	1060.5	1067.5	1078.0	1061.8	1072.2	1066.4	1050.0	1048.9	1057.0	1061.8
17.5°	1067.5	1062.9	1069.9	1078.0	1061.8	1072.2	1067.5	1050.0	1048.9	1058.2	1061.8
20°	1048.9	1048.9	1054.8	1062.9	1045.4	1055.9	1051.2	1033.8	1033.8	1041.9	1045.4
22.5°	1022.0	1023.2	1029.0	1036.0	1018.5	1029.0	1024.4	1006.9	1008.0	1015.0	1019.8
25°	987.0	989.4	994.0	1001.0	984.8	994.0	987.0	973.0	971.9	980.0	985.9
27.5°	941.5	945.0	949.8	955.5	940.4	947.4	942.8	928.6	927.5	935.6	941.5
30°	884.4	889.0	893.6	897.1	883.1	890.1	884.4	871.5	871.5	878.5	882.0
32.5°	816.6	821.4	827.1	829.5	815.5	823.6	819.0	805.0	805.0	812.0	819.0
35°	736.1	744.4	747.9	751.4	737.4	742.0	744.4	725.6	728.0	733.9	743.1
37.5°	649.9	656.9	661.5	663.9	651.0	655.6	656.9	640.5	642.9	647.5	658.0
40°	553.0	561.1	564.6	565.9	556.5	560.0	561.1	544.9	548.4	551.9	560.0
42.5°	456.1	457.4	460.9	463.1	455.0	456.1	458.5	443.4	448.0	449.1	457.4
45°	347.6	352.4	354.6	357.0	350.0	352.4	352.4	341.9	343.0	345.4	352.4
47.5°	250.9	254.4	256.6	259.0	253.1	255.5	255.5	245.0	248.5	249.6	254.4
50°	171.5	173.9	175.0	173.9	173.9	173.9	173.9	168.0	171.5	168.0	173.9
52.5°	112.0	113.1	115.5	115.5	112.0	114.4	114.4	109.6	110.9	110.9	114.4
55°	68.9	70.0	71.1	70.0	68.9	70.0	70.0	67.6	70.0	67.6	71.1
57.5°	39.6	40.9	39.6	39.6	39.6	39.6	39.6	39.6	39.6	38.5	40.9
60°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	23.4
62.5°	14.0	15.1	15.1	15.1	15.1	15.1	15.1	14.0	15.1	15.1	15.1
65°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	12.9
67.5°	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	10.5
70°	7.0	7.0	7.0	7.0	7.0	7.0	8.1	8.1	7.0	8.1	8.1
72.5°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
75°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.6
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.4
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.1	0.0	1.1
87.5°	0.0	0.0	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



TEST NUMBER: P212783

CATALOG NUMBER: LE_6B15D010 EC6B10208027 6LBSWL11

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2
2.5°	1013.9	1004.5	1004.5	994.0	1003.4	1004.5	992.9	989.4	1002.2	988.2	995.2
5°	1023.2	1013.9	1013.9	1003.4	1010.4	1010.4	998.8	992.9	1005.8	991.8	997.5
7.5°	1034.9	1024.4	1022.0	1011.5	1017.4	1018.5	1004.5	996.4	1009.2	992.9	998.8
10°	1038.4	1026.8	1025.5	1015.0	1019.8	1020.9	1004.5	997.5	1008.0	990.5	994.0
12.5°	1046.5	1033.8	1033.8	1023.2	1026.8	1026.8	1010.4	1001.0	1010.4	992.9	995.2
15°	1055.9	1041.9	1041.9	1031.4	1033.8	1034.9	1015.0	1005.8	1013.9	995.2	997.5
17.5°	1055.9	1040.8	1040.8	1031.4	1032.5	1031.4	1012.8	1002.2	1008.0	988.2	989.4
20°	1039.5	1024.4	1026.8	1016.2	1017.4	1016.2	996.4	985.9	991.8	970.8	973.0
22.5°	1012.8	998.8	1001.0	991.8	991.8	990.5	971.9	961.4	967.2	946.2	947.4
25°	978.9	964.9	967.2	957.9	959.0	959.0	940.4	928.6	934.5	915.9	915.9
27.5°	934.5	920.5	924.0	918.1	914.6	915.9	899.5	887.9	893.6	876.1	876.1
30°	877.4	865.6	869.1	864.5	861.0	861.0	847.0	835.4	841.1	826.0	824.9
32.5°	809.6	800.4	803.9	800.4	796.9	800.4	785.1	773.5	779.4	767.6	768.9
35°	736.1	726.9	729.1	725.6	723.4	725.6	710.5	702.4	708.1	696.5	701.1
37.5°	654.5	638.1	645.1	642.9	640.5	641.6	627.6	621.9	628.9	621.9	625.4
40°	558.9	547.1	551.9	549.5	547.1	553.0	542.5	534.4	540.1	535.5	542.5
42.5°	455.0	445.6	451.5	450.4	446.9	453.9	445.6	439.9	449.1	446.9	452.6
45°	350.0	343.0	347.6	347.6	346.5	352.4	344.1	345.4	354.6	358.1	365.1
47.5°	253.1	242.6	248.5	252.0	252.0	257.9	253.1	257.9	268.4	275.4	281.1
50°	172.6	170.4	171.5	172.6	175.0	179.6	178.5	185.5	192.5	204.1	211.1
52.5°	114.4	112.0	114.4	115.5	117.9	122.5	122.5	130.6	138.9	149.4	157.5
55°	71.1	70.0	71.1	72.4	74.6	79.4	80.5	88.6	96.9	107.4	114.4
57.5°	40.9	42.0	42.0	44.4	45.5	49.0	52.5	57.1	66.5	77.0	84.0
60°	23.4	23.4	24.5	25.6	26.9	30.4	32.6	37.4	44.4	54.9	59.5
62.5°	15.1	15.1	16.4	16.4	17.5	19.9	22.1	26.9	32.6	40.9	45.5
65°	12.9	12.9	12.9	14.0	14.0	16.4	18.6	22.1	26.9	32.6	37.4
67.5°	10.5	10.5	10.5	11.6	11.6	12.9	15.1	17.5	21.0	25.6	29.1
70°	8.1	8.1	8.1	9.4	9.4	10.5	11.6	12.9	16.4	19.9	22.1
72.5°	5.9	5.9	7.0	7.0	7.0	8.1	9.4	10.5	12.9	15.1	16.4
75°	4.6	4.6	4.6	4.6	5.9	5.9	7.0	8.1	9.4	10.5	11.6
77.5°	2.4	2.4	3.5	3.5	3.5	4.6	4.6	5.9	7.0	8.1	8.1
80°	2.4	2.4	2.4	2.4	2.4	3.5	3.5	3.5	4.6	5.9	5.9
82.5°	1.1	1.1	1.1	1.1	1.1	2.4	2.4	2.4	3.5	3.5	3.5
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.4	2.4	2.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.1	1.1	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P212783

CATALOG NUMBER: LE_6B15D010 EC6B10208027 6LBSWL11

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2	1002.2
2.5°	987.0	990.5	990.5	987.0	977.8	985.9	994.0	985.9	996.4	977.8	977.8
5°	987.0	989.4	988.2	983.5	974.2	981.2	987.0	978.9	987.0	969.5	968.4
7.5°	989.4	987.0	984.8	978.9	967.2	971.9	977.8	968.4	976.5	957.9	955.5
10°	984.8	981.2	976.5	968.4	955.5	959.0	962.5	954.4	960.2	941.5	940.4
12.5°	984.8	978.9	971.9	962.5	948.5	950.9	954.4	943.9	948.5	931.0	928.6
15°	987.0	976.5	968.4	957.9	942.8	943.9	946.2	934.5	939.2	920.5	919.4
17.5°	978.9	967.2	959.0	946.2	929.9	931.0	931.0	919.4	922.9	904.1	903.0
20°	961.4	947.4	938.0	926.4	908.9	908.9	908.9	897.1	899.5	883.1	880.9
22.5°	936.9	921.6	912.4	900.6	884.4	883.1	882.0	872.6	872.6	857.5	854.0
25°	904.1	890.1	880.9	870.4	854.0	851.6	851.6	843.5	842.4	828.4	826.0
27.5°	866.9	850.5	842.4	833.0	817.9	815.5	814.4	809.6	807.4	792.1	791.0
30°	816.6	802.6	795.6	787.5	773.5	771.1	770.0	765.4	764.1	749.0	749.0
32.5°	763.0	745.5	740.9	732.6	722.1	721.0	722.1	716.4	711.6	701.1	698.9
35°	698.9	681.4	677.9	674.4	666.1	663.9	662.6	661.5	655.6	648.6	645.1
37.5°	624.1	609.0	609.0	607.9	602.0	602.0	602.0	599.6	593.9	591.5	584.5
40°	543.6	532.0	533.1	534.4	532.0	533.1	534.4	532.0	527.4	525.0	519.1
42.5°	457.4	451.5	456.1	459.6	459.6	463.1	465.5	465.5	459.6	458.5	453.9
45°	371.0	369.9	379.1	386.1	388.5	394.4	397.9	395.5	395.5	395.5	390.9
47.5°	290.5	295.1	303.4	317.4	322.0	329.0	331.4	334.9	333.6	334.9	331.4
50°	220.5	231.0	241.5	255.5	262.5	270.6	274.1	278.9	278.9	280.0	277.6
52.5°	166.9	175.0	192.5	201.9	210.0	218.1	222.9	227.5	228.6	228.6	226.4
55°	123.6	135.4	147.0	159.9	166.9	175.0	178.5	183.1	183.1	185.5	183.1
57.5°	89.9	101.5	114.4	123.6	131.9	137.6	141.1	144.6	147.0	147.0	145.9
60°	66.5	75.9	86.4	95.6	102.6	108.5	110.9	114.4	115.5	115.5	113.1
62.5°	50.1	59.5	68.9	77.0	81.6	86.4	88.6	91.0	91.0	91.0	89.9
65°	40.9	47.9	54.9	61.9	66.5	70.0	71.1	73.5	72.4	73.5	72.4
67.5°	32.6	37.4	43.1	47.9	51.4	53.6	54.9	57.1	56.0	57.1	56.0
70°	24.5	29.1	32.6	36.1	38.5	40.9	42.0	43.1	42.0	43.1	42.0
72.5°	18.6	21.0	24.5	28.0	29.1	30.4	31.5	31.5	31.5	32.6	31.5
75°	12.9	15.1	17.5	18.6	21.0	22.1	22.1	23.4	23.4	23.4	23.4
77.5°	9.4	10.5	11.6	12.9	14.0	15.1	15.1	16.4	16.4	16.4	16.4
80°	5.9	7.0	7.0	8.1	9.4	9.4	10.5	10.5	10.5	10.5	10.5
82.5°	3.5	4.6	4.6	5.9	5.9	5.9	7.0	7.0	7.0	7.0	7.0
85°	2.4	2.4	2.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.4	2.4	1.1	1.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P212783

CATALOG NUMBER: LE_6B15D010 EC6B10208027 6LBSWLI1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1002.2	1002.2	1002.2	1002.2
2.5°	987.0	981.2	990.5	976.5
5°	976.5	970.8	982.4	964.9
7.5°	963.8	957.9	968.4	950.9
10°	947.4	941.5	950.9	932.1
12.5°	933.4	927.5	938.0	920.5
15°	922.9	917.0	926.4	910.0
17.5°	906.5	899.5	910.0	892.5
20°	883.1	878.5	886.6	869.1
22.5°	856.4	851.6	861.0	843.5
25°	828.4	822.5	831.9	814.4
27.5°	792.1	787.5	796.9	779.4
30°	749.0	744.4	753.6	737.4
32.5°	700.0	695.4	702.4	688.4
35°	644.0	640.5	647.5	632.4
37.5°	583.4	579.9	586.9	571.6
40°	518.0	514.5	520.4	513.4
42.5°	453.9	450.4	456.1	450.4
45°	390.9	388.5	394.4	388.5
47.5°	332.5	330.1	336.0	330.1
50°	276.5	277.6	280.0	277.6
52.5°	226.4	226.4	229.9	226.4
55°	183.1	184.4	185.5	183.1
57.5°	145.9	145.9	147.0	145.9
60°	113.1	114.4	114.4	113.1
62.5°	89.9	89.9	89.9	89.9
65°	71.1	71.1	72.4	71.1
67.5°	56.0	54.9	56.0	54.9
70°	42.0	42.0	42.0	42.0
72.5°	32.6	32.6	31.5	31.5
75°	23.4	24.5	23.4	23.4
77.5°	16.4	16.4	16.4	16.4
80°	10.5	10.5	10.5	10.5
82.5°	7.0	7.0	7.0	7.0
85°	4.6	3.5	3.5	3.5
87.5°	2.4	1.1	1.1	1.1
90°	0.0	0.0	0.0	0.0



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— 0°-180° - - 45°-225° - - - - 90°-270° - · - 135°-315°





















(END OF REPORT)