

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: io LED

Report Number: P212787

Luminaire Tested: **LD6B15D010 EU6B10208050 6LBSWLI1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P212787
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: io LED
Catalog Number: LD6B15D010 EU6B10208050 6LBSWLI1
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH SPECULAR CLEAR TRIM
Light Source: (1) HIGH LUMEN LED 80CRI / 5000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1450.5 lumens
Efficiency: N/A
Efficacy: 100.8 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

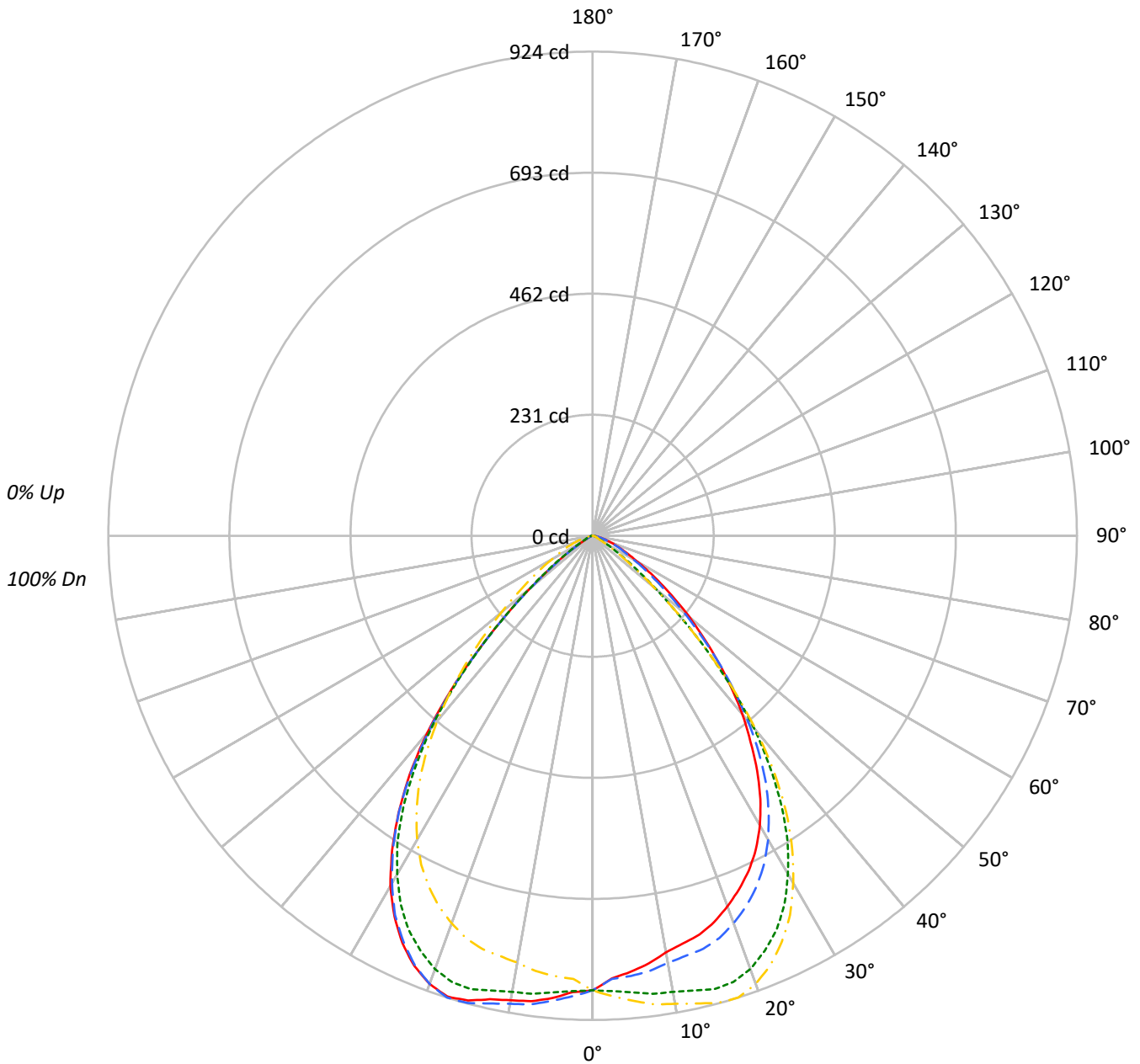
Input Watts (W): 14.39
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100					100			
1	112	109	106	103	110	107	104	102	103	100	99	99	97	96	95	94	93	91					91			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82					82			
3	98	91	84	80	96	89	84	79	86	82	78	84	80	76	81	78	75	73					73			
4	92	83	76	71	90	82	75	71	79	74	70	77	73	69	75	71	68	66					66			
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60					60			
6	81	70	63	57	79	69	62	57	67	61	57	66	60	56	64	60	56	54					54			
7	76	64	57	52	74	64	57	52	62	56	52	61	56	51	60	55	51	49					49			
8	71	60	53	48	70	59	52	48	58	52	47	57	51	47	56	51	47	45					45			
9	67	55	48	44	66	55	48	44	54	48	43	53	47	43	52	47	43	42					42			
10	63	52	45	40	62	51	45	40	50	44	40	49	44	40	49	43	40	38					38			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	47562	47562	47562	47562
5°	45966	48129	48745	48129
10°	44922	49192	50094	49192
15°	44711	50846	52106	50846
20°	43894	51320	53088	51320
25°	42644	50217	51928	50217
30°	40405	47184	48843	47184
35°	36634	42041	43192	42041
40°	31802	34257	35130	34257
45°	26072	23646	23801	23646
50°	20503	13262	13006	13262
55°	15158	6566	5887	6566
60°	10745	2884	2105	2884
65°	7990	1829	1310	1829
70°	5834	1459	978	1459
75°	4279	1059	635	1059
80°	2873	947	316	947
85°	1887	629	629	629



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.1	5.7
10°-20°	246.0	17.0
20°-30°	367.1	25.3
30°-40°	377.1	26.0
40°-50°	244.2	16.8
50°-60°	90.8	6.3
60°-70°	29.8	2.1
70°-80°	10.5	0.7
80°-90°	1.9	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°	696.1	48.0
0°-40°	1073.3	74.0
0°-60°	1408.3	97.1
0°-90°	1450.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1450.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	868	868	868	868	868	
5°	835	875	886	875	835	79
15°	788	896	918	896	788	222
25°	705	830	858	830	705	323
35°	547	628	645	628	547	340
45°	336	305	307	305	336	260
55°	159	69	62	69	159	145
65°	62	14	10	14	62	63
75°	20	5	3	5	20	22
85°	3	1	1	1	3	4
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°	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6
2.5°	845.4	857.5	849.4	854.4	846.4	846.4	862.5	853.4	860.5	853.4	846.4
5°	835.3	850.4	840.3	845.4	838.3	839.3	854.4	847.4	854.4	849.4	843.3
7.5°	823.1	838.3	829.2	834.2	827.2	829.2	845.4	838.3	846.4	841.3	837.3
10°	807.0	823.1	815.1	820.1	814.0	815.1	831.2	826.2	833.2	830.2	827.2
12.5°	796.9	812.0	802.9	808.0	803.9	806.0	821.1	817.1	826.2	823.1	821.1
15°	787.8	801.9	793.8	798.9	795.9	796.9	813.0	809.0	819.1	817.1	816.1
17.5°	772.6	787.8	778.7	784.8	781.7	782.7	798.9	795.9	806.0	806.0	805.0
20°	752.4	767.6	760.5	764.6	762.5	764.6	778.7	776.7	786.8	786.8	786.8
22.5°	730.2	745.4	737.3	741.3	739.3	742.3	755.5	755.5	763.5	764.6	765.6
25°	705.0	720.1	712.0	717.1	715.1	717.1	729.2	730.2	737.3	737.3	739.3
27.5°	674.7	689.8	681.7	685.8	684.8	685.8	698.9	700.9	705.0	706.0	708.0
30°	638.3	652.4	644.4	648.4	648.4	648.4	661.5	662.5	666.6	667.6	669.6
32.5°	595.9	608.0	601.9	606.0	605.0	607.0	616.1	620.1	625.2	624.2	625.2
35°	547.4	560.5	554.5	557.5	558.5	561.5	567.6	572.7	573.7	574.7	576.7
37.5°	494.9	508.0	502.0	505.0	506.0	512.1	514.1	519.1	521.1	521.1	521.1
40°	444.4	450.5	445.4	448.4	449.4	454.5	456.5	460.6	462.6	461.6	460.6
42.5°	389.9	394.9	389.9	392.9	392.9	396.9	397.9	403.0	403.0	401.0	397.9
45°	336.3	341.4	336.3	338.3	338.3	342.4	342.4	342.4	344.4	341.4	336.3
47.5°	285.8	290.9	285.8	287.8	286.8	289.9	288.9	289.9	286.8	284.8	278.8
50°	240.4	242.4	240.4	239.4	240.4	242.4	241.4	241.4	237.3	234.3	227.2
52.5°	195.9	199.0	195.9	195.9	195.9	198.0	198.0	196.9	192.9	188.9	181.8
55°	158.6	160.6	159.6	158.6	158.6	160.6	158.6	158.6	154.5	151.5	144.4
57.5°	126.2	127.3	126.2	126.2	126.2	127.3	127.3	125.2	122.2	119.2	114.1
60°	98.0	99.0	99.0	98.0	98.0	100.0	100.0	99.0	95.9	93.9	88.9
62.5°	77.8	77.8	77.8	77.8	77.8	78.8	78.8	78.8	76.8	74.7	70.7
65°	61.6	62.6	61.6	61.6	62.6	63.6	62.6	63.6	61.6	60.6	57.6
67.5°	47.5	48.5	47.5	48.5	48.5	49.5	48.5	49.5	47.5	46.5	44.4
70°	36.4	36.4	36.4	36.4	36.4	37.4	36.4	37.4	36.4	35.3	33.3
72.5°	27.3	27.3	28.3	28.3	27.3	28.3	27.3	27.3	27.3	26.3	25.2
75°	20.2	20.2	21.2	20.2	20.2	20.2	20.2	20.2	19.2	19.2	18.2
77.5°	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	13.1	13.1	12.1
80°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.1	8.1
82.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.0	5.0
85°	3.0	3.0	3.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
87.5°	1.0	1.0	1.0	2.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0
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):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6
2.5°	854.4	857.5	857.5	854.4	861.5	855.5	867.6	856.5	859.5	869.6	868.6
5°	851.4	855.5	856.5	854.4	863.5	858.5	870.6	859.5	864.5	874.6	874.6
7.5°	847.4	852.4	854.4	856.5	864.5	859.5	873.6	862.5	869.6	881.7	880.7
10°	838.3	845.4	849.4	852.4	860.5	857.5	872.6	863.5	869.6	883.7	882.7
12.5°	833.2	841.3	847.4	852.4	861.5	859.5	874.6	866.6	874.6	888.8	888.8
15°	829.2	838.3	845.4	854.4	863.5	861.5	877.7	870.6	878.7	895.9	894.8
17.5°	819.1	830.2	837.3	847.4	856.5	855.5	872.6	867.6	876.7	892.8	893.8
20°	801.9	812.0	820.1	832.2	842.3	840.3	858.5	853.4	862.5	879.7	880.7
22.5°	779.7	789.8	797.9	811.0	820.1	819.1	837.3	832.2	841.3	857.5	858.5
25°	753.4	762.5	770.6	782.7	792.8	792.8	809.0	803.9	814.0	830.2	830.2
27.5°	721.1	729.2	736.3	750.4	758.5	758.5	773.6	768.6	778.7	792.8	791.8
30°	681.7	688.8	694.9	707.0	714.1	715.1	728.2	723.1	733.2	745.4	745.4
32.5°	634.3	641.3	645.4	660.5	665.6	664.6	674.7	669.6	679.7	692.8	689.8
35°	583.8	586.8	589.8	605.0	607.0	603.0	613.1	608.0	615.1	628.2	626.2
37.5°	526.2	527.2	527.2	540.3	541.3	538.3	544.4	538.3	543.4	555.5	554.5
40°	462.6	461.6	460.6	470.7	469.6	463.6	467.6	462.6	469.6	478.7	473.7
42.5°	397.9	394.9	390.9	395.9	391.9	386.8	388.8	380.8	385.8	392.9	386.8
45°	334.3	328.2	320.2	321.2	316.1	310.1	307.0	299.0	297.9	305.0	300.0
47.5°	274.7	262.6	255.5	251.5	243.4	238.4	232.3	223.2	219.2	223.2	218.2
50°	221.2	209.1	200.0	190.9	182.8	176.7	166.6	160.6	154.5	155.5	151.5
52.5°	174.7	166.6	151.5	144.4	136.3	129.3	120.2	113.1	106.0	106.0	102.0
55°	138.4	127.3	117.2	107.1	99.0	92.9	83.8	76.8	69.7	68.7	64.6
57.5°	107.1	99.0	87.9	77.8	72.7	66.7	57.6	49.5	45.4	42.4	39.4
60°	82.8	74.7	65.6	57.6	51.5	47.5	38.4	32.3	28.3	26.3	23.2
62.5°	66.7	59.6	51.5	43.4	39.4	35.3	28.3	23.2	19.2	17.2	15.1
65°	53.5	47.5	41.4	35.3	32.3	28.3	23.2	19.2	16.2	14.1	12.1
67.5°	41.4	37.4	32.3	28.3	25.2	22.2	18.2	15.1	13.1	11.1	10.1
70°	31.3	28.3	25.2	21.2	19.2	17.2	14.1	11.1	10.1	9.1	8.1
72.5°	24.2	21.2	18.2	16.2	14.1	13.1	11.1	9.1	8.1	7.1	6.1
75°	16.2	15.1	13.1	11.1	10.1	9.1	8.1	7.1	6.1	5.0	5.0
77.5°	11.1	10.1	9.1	8.1	7.1	7.1	6.1	5.0	4.0	4.0	3.0
80°	7.1	6.1	6.1	5.0	5.0	5.0	4.0	3.0	3.0	3.0	2.0
82.5°	5.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	1.0
85°	3.0	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6
2.5°	860.5	869.6	869.6	877.7	878.7	876.7	867.6	867.6	879.7	886.8	874.6
5°	868.6	877.7	877.7	885.8	889.8	886.8	877.7	878.7	890.8	898.9	886.8
7.5°	875.7	884.7	886.8	895.9	898.9	895.9	886.8	888.8	901.9	909.0	896.9
10°	878.7	887.8	888.8	898.9	902.9	898.9	891.8	892.8	907.0	912.0	900.9
12.5°	885.8	894.8	894.8	906.0	910.0	907.0	897.9	899.9	914.0	919.1	908.0
15°	892.8	901.9	901.9	914.0	919.1	915.0	908.0	909.0	923.1	928.2	919.1
17.5°	892.8	900.9	900.9	914.0	919.1	916.1	908.0	909.0	924.1	928.2	919.1
20°	879.7	888.8	886.8	899.9	904.9	901.9	894.8	894.8	910.0	914.0	904.9
22.5°	858.5	866.6	864.5	876.7	882.7	878.7	872.6	871.6	886.8	890.8	881.7
25°	829.2	837.3	835.3	847.4	853.4	848.4	841.3	842.3	854.4	860.5	852.4
27.5°	794.9	799.9	796.9	809.0	815.1	810.0	802.9	803.9	816.1	820.1	814.0
30°	748.4	752.4	749.4	759.5	763.5	760.5	754.5	754.5	765.6	770.6	764.6
32.5°	692.8	695.9	692.8	700.9	709.0	702.9	696.9	696.9	709.0	713.0	706.0
35°	628.2	631.2	629.2	637.3	643.4	635.3	630.2	628.2	644.4	642.3	638.3
37.5°	556.5	558.5	552.5	566.6	569.6	560.5	556.5	554.5	568.6	567.6	563.6
40°	475.7	477.7	473.7	483.8	484.8	477.7	474.7	471.7	485.8	484.8	481.8
42.5°	389.9	390.9	385.8	393.9	395.9	388.8	387.8	383.8	396.9	394.9	393.9
45°	301.0	301.0	296.9	303.0	305.0	299.0	296.9	295.9	305.0	305.0	303.0
47.5°	218.2	215.1	210.1	219.2	220.2	216.1	215.1	212.1	221.2	221.2	219.2
50°	149.5	148.5	147.5	149.5	150.5	145.4	148.5	145.4	150.5	150.5	150.5
52.5°	100.0	99.0	97.0	99.0	99.0	95.9	95.9	94.9	99.0	99.0	97.0
55°	62.6	61.6	60.6	61.6	61.6	58.6	60.6	58.6	60.6	60.6	59.6
57.5°	38.4	36.4	36.4	35.3	35.3	33.3	34.3	34.3	34.3	34.3	34.3
60°	22.2	21.2	20.2	20.2	20.2	19.2	19.2	19.2	19.2	19.2	19.2
62.5°	14.1	14.1	13.1	13.1	13.1	13.1	13.1	12.1	13.1	13.1	13.1
65°	12.1	11.1	11.1	11.1	11.1	10.1	10.1	10.1	10.1	10.1	10.1
67.5°	10.1	9.1	9.1	9.1	9.1	8.1	8.1	8.1	8.1	8.1	8.1
70°	8.1	7.1	7.1	7.1	7.1	7.1	6.1	7.1	7.1	6.1	6.1
72.5°	6.1	6.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
75°	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0
77.5°	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	1.0	1.0	0.0	1.0	0.0	1.0	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



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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6
2.5°	888.8	878.7	873.6	883.7	887.8	882.7	878.7	871.6	878.7	882.7	887.8
5°	900.9	891.8	887.8	894.8	900.9	895.9	892.8	885.8	892.8	895.9	900.9
7.5°	912.0	902.9	897.9	904.9	912.0	904.9	901.9	895.9	901.9	904.9	912.0
10°	916.1	906.0	901.9	908.0	915.0	908.0	903.9	899.9	903.9	908.0	915.0
12.5°	923.1	913.0	908.0	913.0	920.1	913.0	909.0	906.0	909.0	913.0	920.1
15°	933.2	924.1	918.1	923.1	932.2	924.1	919.1	918.1	919.1	924.1	932.2
17.5°	933.2	926.2	920.1	924.1	933.2	927.2	920.1	922.1	920.1	927.2	933.2
20°	920.1	913.0	908.0	908.0	921.1	913.0	907.0	910.0	907.0	913.0	921.1
22.5°	896.9	890.8	885.8	884.7	897.9	890.8	882.7	888.8	882.7	890.8	897.9
25°	866.6	860.5	856.5	854.4	867.6	859.5	852.4	858.5	852.4	859.5	867.6
27.5°	827.2	822.1	818.1	815.1	827.2	820.1	813.0	819.1	813.0	820.1	827.2
30°	776.7	773.6	769.6	765.6	777.7	770.6	763.5	771.6	763.5	770.6	777.7
32.5°	718.1	716.1	711.0	707.0	719.1	711.0	706.0	712.0	706.0	711.0	719.1
35°	650.4	647.4	644.4	637.3	650.4	643.4	643.4	645.4	643.4	643.4	650.4
37.5°	574.7	572.7	568.6	562.6	573.7	568.6	566.6	572.7	566.6	568.6	573.7
40°	489.8	488.8	485.8	478.7	490.9	485.8	482.8	490.9	482.8	485.8	490.9
42.5°	401.0	398.9	395.9	394.9	401.0	396.9	400.0	400.0	400.0	396.9	401.0
45°	309.1	307.0	305.0	301.0	308.0	306.0	305.0	307.0	305.0	306.0	308.0
47.5°	224.2	222.2	220.2	217.1	224.2	221.2	221.2	223.2	221.2	221.2	224.2
50°	150.5	151.5	150.5	148.5	150.5	149.5	150.5	152.5	150.5	149.5	150.5
52.5°	100.0	100.0	98.0	97.0	99.0	98.0	101.0	99.0	101.0	98.0	99.0
55°	60.6	61.6	60.6	59.6	60.6	59.6	62.6	61.6	62.6	59.6	60.6
57.5°	34.3	34.3	35.3	34.3	36.4	35.3	35.3	35.3	35.3	35.3	36.4
60°	19.2	19.2	19.2	19.2	19.2	19.2	20.2	19.2	20.2	19.2	19.2
62.5°	13.1	13.1	13.1	12.1	13.1	12.1	13.1	13.1	13.1	12.1	13.1
65°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
67.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
70°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
72.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
75°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	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: P212787

CATALOG NUMBER: LD6B15D010 EU6B10208050 6LBSWLI1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6
2.5°	883.7	873.6	878.7	888.8	874.6	886.8	879.7	867.6	867.6	876.7	878.7
5°	894.8	887.8	891.8	900.9	886.8	898.9	890.8	878.7	877.7	886.8	889.8
7.5°	904.9	897.9	902.9	912.0	896.9	909.0	901.9	888.8	886.8	895.9	898.9
10°	908.0	901.9	906.0	916.1	900.9	912.0	907.0	892.8	891.8	898.9	902.9
12.5°	913.0	908.0	913.0	923.1	908.0	919.1	914.0	899.9	897.9	907.0	910.0
15°	923.1	918.1	924.1	933.2	919.1	928.2	923.1	909.0	908.0	915.0	919.1
17.5°	924.1	920.1	926.2	933.2	919.1	928.2	924.1	909.0	908.0	916.1	919.1
20°	908.0	908.0	913.0	920.1	904.9	914.0	910.0	894.8	894.8	901.9	904.9
22.5°	884.7	885.8	890.8	896.9	881.7	890.8	886.8	871.6	872.6	878.7	882.7
25°	854.4	856.5	860.5	866.6	852.4	860.5	854.4	842.3	841.3	848.4	853.4
27.5°	815.1	818.1	822.1	827.2	814.0	820.1	816.1	803.9	802.9	810.0	815.1
30°	765.6	769.6	773.6	776.7	764.6	770.6	765.6	754.5	754.5	760.5	763.5
32.5°	707.0	711.0	716.1	718.1	706.0	713.0	709.0	696.9	696.9	702.9	709.0
35°	637.3	644.4	647.4	650.4	638.3	642.3	644.4	628.2	630.2	635.3	643.4
37.5°	562.6	568.6	572.7	574.7	563.6	567.6	568.6	554.5	556.5	560.5	569.6
40°	478.7	485.8	488.8	489.8	481.8	484.8	485.8	471.7	474.7	477.7	484.8
42.5°	394.9	395.9	398.9	401.0	393.9	394.9	396.9	383.8	387.8	388.8	395.9
45°	301.0	305.0	307.0	309.1	303.0	305.0	305.0	295.9	296.9	299.0	305.0
47.5°	217.1	220.2	222.2	224.2	219.2	221.2	221.2	212.1	215.1	216.1	220.2
50°	148.5	150.5	151.5	150.5	150.5	150.5	150.5	145.4	148.5	145.4	150.5
52.5°	97.0	98.0	100.0	100.0	97.0	99.0	99.0	94.9	95.9	95.9	99.0
55°	59.6	60.6	61.6	60.6	59.6	60.6	60.6	58.6	60.6	58.6	61.6
57.5°	34.3	35.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	33.3	35.3
60°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	20.2
62.5°	12.1	13.1	13.1	13.1	13.1	13.1	13.1	12.1	13.1	13.1	13.1
65°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	11.1
67.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	9.1
70°	6.1	6.1	6.1	6.1	6.1	6.1	7.1	7.1	6.1	7.1	7.1
72.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
75°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	1.0
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):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6
2.5°	877.7	869.6	869.6	860.5	868.6	869.6	859.5	856.5	867.6	855.5	861.5
5°	885.8	877.7	877.7	868.6	874.6	874.6	864.5	859.5	870.6	858.5	863.5
7.5°	895.9	886.8	884.7	875.7	880.7	881.7	869.6	862.5	873.6	859.5	864.5
10°	898.9	888.8	887.8	878.7	882.7	883.7	869.6	863.5	872.6	857.5	860.5
12.5°	906.0	894.8	894.8	885.8	888.8	888.8	874.6	866.6	874.6	859.5	861.5
15°	914.0	901.9	901.9	892.8	894.8	895.9	878.7	870.6	877.7	861.5	863.5
17.5°	914.0	900.9	900.9	892.8	893.8	892.8	876.7	867.6	872.6	855.5	856.5
20°	899.9	886.8	888.8	879.7	880.7	879.7	862.5	853.4	858.5	840.3	842.3
22.5°	876.7	864.5	866.6	858.5	858.5	857.5	841.3	832.2	837.3	819.1	820.1
25°	847.4	835.3	837.3	829.2	830.2	830.2	814.0	803.9	809.0	792.8	792.8
27.5°	809.0	796.9	799.9	794.9	791.8	792.8	778.7	768.6	773.6	758.5	758.5
30°	759.5	749.4	752.4	748.4	745.4	745.4	733.2	723.1	728.2	715.1	714.1
32.5°	700.9	692.8	695.9	692.8	689.8	692.8	679.7	669.6	674.7	664.6	665.6
35°	637.3	629.2	631.2	628.2	626.2	628.2	615.1	608.0	613.1	603.0	607.0
37.5°	566.6	552.5	558.5	556.5	554.5	555.5	543.4	538.3	544.4	538.3	541.3
40°	483.8	473.7	477.7	475.7	473.7	478.7	469.6	462.6	467.6	463.6	469.6
42.5°	393.9	385.8	390.9	389.9	386.8	392.9	385.8	380.8	388.8	386.8	391.9
45°	303.0	296.9	301.0	301.0	300.0	305.0	297.9	299.0	307.0	310.1	316.1
47.5°	219.2	210.1	215.1	218.2	218.2	223.2	219.2	223.2	232.3	238.4	243.4
50°	149.5	147.5	148.5	149.5	151.5	155.5	154.5	160.6	166.6	176.7	182.8
52.5°	99.0	97.0	99.0	100.0	102.0	106.0	106.0	113.1	120.2	129.3	136.3
55°	61.6	60.6	61.6	62.6	64.6	68.7	69.7	76.8	83.8	92.9	99.0
57.5°	35.3	36.4	36.4	38.4	39.4	42.4	45.4	49.5	57.6	66.7	72.7
60°	20.2	20.2	21.2	22.2	23.2	26.3	28.3	32.3	38.4	47.5	51.5
62.5°	13.1	13.1	14.1	14.1	15.1	17.2	19.2	23.2	28.3	35.3	39.4
65°	11.1	11.1	11.1	12.1	12.1	14.1	16.2	19.2	23.2	28.3	32.3
67.5°	9.1	9.1	9.1	10.1	10.1	11.1	13.1	15.1	18.2	22.2	25.2
70°	7.1	7.1	7.1	8.1	8.1	9.1	10.1	11.1	14.1	17.2	19.2
72.5°	5.0	5.0	6.1	6.1	6.1	7.1	8.1	9.1	11.1	13.1	14.1
75°	4.0	4.0	4.0	4.0	5.0	5.0	6.1	7.1	8.1	9.1	10.1
77.5°	2.0	2.0	3.0	3.0	3.0	4.0	4.0	5.0	6.1	7.1	7.1
80°	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0	4.0	5.0	5.0
82.5°	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0	3.0	3.0	3.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0
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: P212787

CATALOG NUMBER: LD6B15D010 EU6B10208050 6LBSWLI1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6	867.6
2.5°	854.4	857.5	857.5	854.4	846.4	853.4	860.5	853.4	862.5	846.4	846.4
5°	854.4	856.5	855.5	851.4	843.3	849.4	854.4	847.4	854.4	839.3	838.3
7.5°	856.5	854.4	852.4	847.4	837.3	841.3	846.4	838.3	845.4	829.2	827.2
10°	852.4	849.4	845.4	838.3	827.2	830.2	833.2	826.2	831.2	815.1	814.0
12.5°	852.4	847.4	841.3	833.2	821.1	823.1	826.2	817.1	821.1	806.0	803.9
15°	854.4	845.4	838.3	829.2	816.1	817.1	819.1	809.0	813.0	796.9	795.9
17.5°	847.4	837.3	830.2	819.1	805.0	806.0	806.0	795.9	798.9	782.7	781.7
20°	832.2	820.1	812.0	801.9	786.8	786.8	786.8	776.7	778.7	764.6	762.5
22.5°	811.0	797.9	789.8	779.7	765.6	764.6	763.5	755.5	755.5	742.3	739.3
25°	782.7	770.6	762.5	753.4	739.3	737.3	737.3	730.2	729.2	717.1	715.1
27.5°	750.4	736.3	729.2	721.1	708.0	706.0	705.0	700.9	698.9	685.8	684.8
30°	707.0	694.9	688.8	681.7	669.6	667.6	666.6	662.5	661.5	648.4	648.4
32.5°	660.5	645.4	641.3	634.3	625.2	624.2	625.2	620.1	616.1	607.0	605.0
35°	605.0	589.8	586.8	583.8	576.7	574.7	573.7	572.7	567.6	561.5	558.5
37.5°	540.3	527.2	527.2	526.2	521.1	521.1	521.1	519.1	514.1	512.1	506.0
40°	470.7	460.6	461.6	462.6	460.6	461.6	462.6	460.6	456.5	454.5	449.4
42.5°	395.9	390.9	394.9	397.9	397.9	401.0	403.0	403.0	397.9	396.9	392.9
45°	321.2	320.2	328.2	334.3	336.3	341.4	344.4	342.4	342.4	342.4	338.3
47.5°	251.5	255.5	262.6	274.7	278.8	284.8	286.8	289.9	288.9	289.9	286.8
50°	190.9	200.0	209.1	221.2	227.2	234.3	237.3	241.4	241.4	242.4	240.4
52.5°	144.4	151.5	166.6	174.7	181.8	188.9	192.9	196.9	198.0	198.0	195.9
55°	107.1	117.2	127.3	138.4	144.4	151.5	154.5	158.6	158.6	160.6	158.6
57.5°	77.8	87.9	99.0	107.1	114.1	119.2	122.2	125.2	127.3	127.3	126.2
60°	57.6	65.6	74.7	82.8	88.9	93.9	95.9	99.0	100.0	100.0	98.0
62.5°	43.4	51.5	59.6	66.7	70.7	74.7	76.8	78.8	78.8	78.8	77.8
65°	35.3	41.4	47.5	53.5	57.6	60.6	61.6	63.6	62.6	63.6	62.6
67.5°	28.3	32.3	37.4	41.4	44.4	46.5	47.5	49.5	48.5	49.5	48.5
70°	21.2	25.2	28.3	31.3	33.3	35.3	36.4	37.4	36.4	37.4	36.4
72.5°	16.2	18.2	21.2	24.2	25.2	26.3	27.3	27.3	27.3	28.3	27.3
75°	11.1	13.1	15.1	16.2	18.2	19.2	19.2	20.2	20.2	20.2	20.2
77.5°	8.1	9.1	10.1	11.1	12.1	13.1	13.1	14.1	14.1	14.1	14.1
80°	5.0	6.1	6.1	7.1	8.1	8.1	9.1	9.1	9.1	9.1	9.1
82.5°	3.0	4.0	4.0	5.0	5.0	5.0	6.1	6.1	6.1	6.1	6.1
85°	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0
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):

	345°	350°	355°	360°
0°	867.6	867.6	867.6	867.6
2.5°	854.4	849.4	857.5	845.4
5°	845.4	840.3	850.4	835.3
7.5°	834.2	829.2	838.3	823.1
10°	820.1	815.1	823.1	807.0
12.5°	808.0	802.9	812.0	796.9
15°	798.9	793.8	801.9	787.8
17.5°	784.8	778.7	787.8	772.6
20°	764.6	760.5	767.6	752.4
22.5°	741.3	737.3	745.4	730.2
25°	717.1	712.0	720.1	705.0
27.5°	685.8	681.7	689.8	674.7
30°	648.4	644.4	652.4	638.3
32.5°	606.0	601.9	608.0	595.9
35°	557.5	554.5	560.5	547.4
37.5°	505.0	502.0	508.0	494.9
40°	448.4	445.4	450.5	444.4
42.5°	392.9	389.9	394.9	389.9
45°	338.3	336.3	341.4	336.3
47.5°	287.8	285.8	290.9	285.8
50°	239.4	240.4	242.4	240.4
52.5°	195.9	195.9	199.0	195.9
55°	158.6	159.6	160.6	158.6
57.5°	126.2	126.2	127.3	126.2
60°	98.0	99.0	99.0	98.0
62.5°	77.8	77.8	77.8	77.8
65°	61.6	61.6	62.6	61.6
67.5°	48.5	47.5	48.5	47.5
70°	36.4	36.4	36.4	36.4
72.5°	28.3	28.3	27.3	27.3
75°	20.2	21.2	20.2	20.2
77.5°	14.1	14.1	14.1	14.1
80°	9.1	9.1	9.1	9.1
82.5°	6.1	6.1	6.1	6.1
85°	4.0	3.0	3.0	3.0
87.5°	2.0	1.0	1.0	1.0
90°	0.0	0.0	0.0	0.0



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





















(END OF REPORT)