

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:

Luminaire Tested: **LD6B20D010 EU6B10209030 6LBSW1MW**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number:
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: LD6B20D010 EU6B10209030 6LBSW1MW
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH MATTE WHITE TRIM
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1480.5 lumens
Efficiency: N/A
Efficacy: 71.2 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

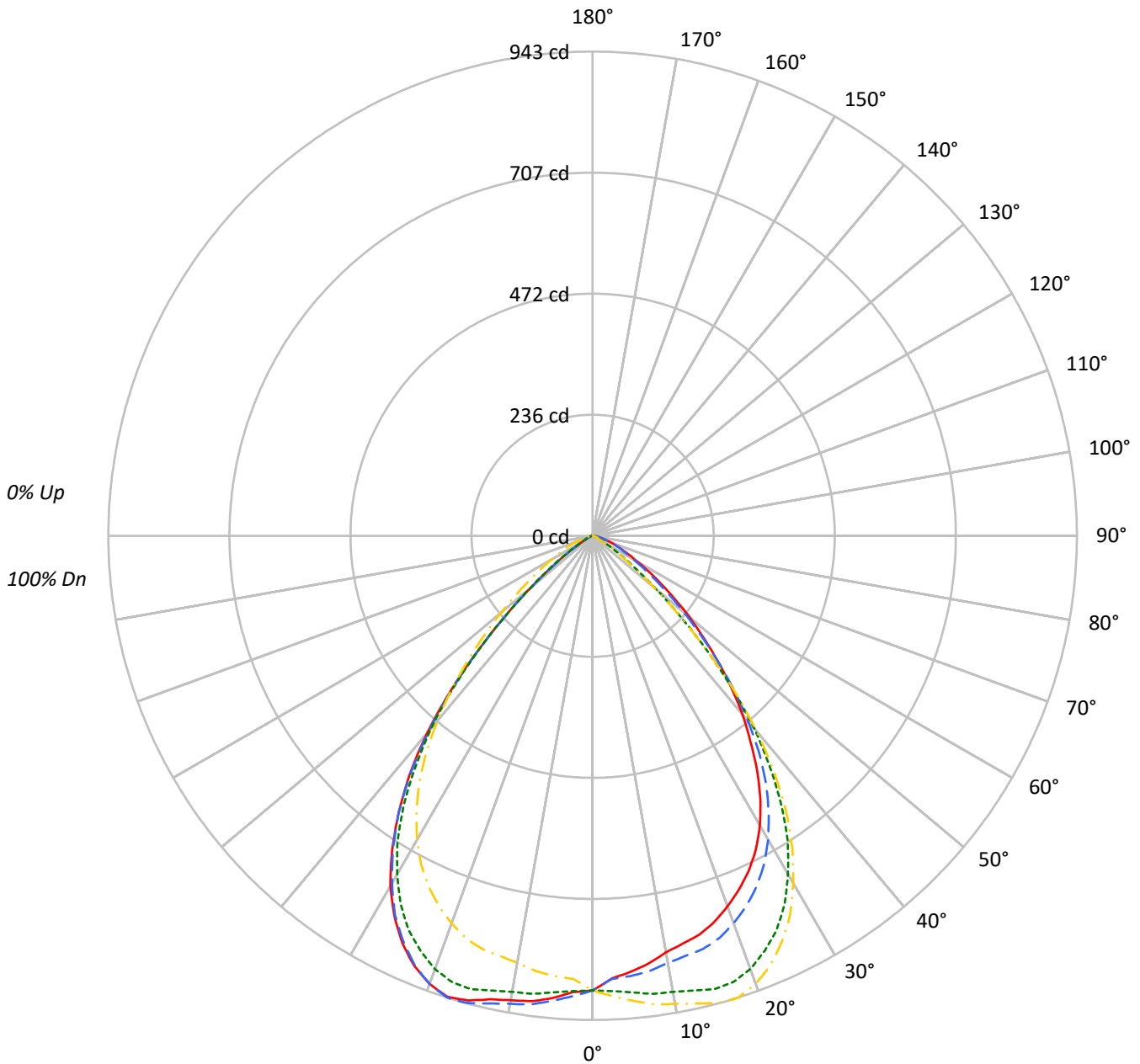
Input Watts (W): 20.8
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									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	0																
RCR																																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100																			
1	112	109	106	103	110	107	104	102	103	100	98	99	97	96	95	94	93	91																			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82																			
3	98	91	84	80	96	89	84	79	86	82	78	84	80	76	81	78	75	73																			
4	92	83	76	71	90	82	75	70	79	74	70	77	73	69	75	71	68	66																			
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60																			
6	81	70	63	57	79	69	62	57	67	61	57	66	60	56	64	60	56	54																			
7	76	64	57	52	74	64	57	52	62	56	52	61	56	51	60	55	51	49																			
8	71	60	53	48	70	59	52	48	58	52	47	57	51	47	56	51	47	45																			
9	67	55	48	44	66	55	48	44	54	48	43	53	47	43	52	47	43	42																			
10	63	52	45	40	62	51	45	40	50	44	40	49	44	40	49	43	40	38																			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	48543	48543	48543	48543
5°	46913	49125	49752	49125
10°	45846	50205	51129	50205
15°	45630	51890	53179	51890
20°	44804	52376	54185	52376
25°	43521	51257	52999	51257
30°	41241	48159	49856	48159
35°	37390	42911	44082	42911
40°	32454	34966	35853	34966
45°	26615	24134	24297	24134
50°	20929	13543	13279	13543
55°	15464	6700	6012	6700
60°	10953	2938	2149	2938
65°	8159	1868	1336	1868
70°	5947	1491	978	1491
75°	4363	1101	657	1101
80°	2936	979	347	979
85°	1950	692	692	692



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.8	5.7
10°-20°	251.1	17.0
20°-30°	374.7	25.3
30°-40°	384.9	26.0
40°-50°	249.3	16.8
50°-60°	92.7	6.3
60°-70°	30.4	2.1
70°-80°	10.7	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°	710.5	48.0
0°-40°	1095.4	74.0
0°-60°	1437.4	97.1
0°-90°	1480.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1480.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	886	886	886	886	886	
5°	852	893	904	893	852	81
15°	804	914	937	914	804	226
25°	720	847	876	847	720	330
35°	559	641	659	641	559	347
45°	343	311	313	311	343	265
55°	162	70	63	70	162	148
65°	63	14	10	14	63	64
75°	21	5	3	5	21	23
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°	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5
2.5°	862.8	875.1	866.9	872.1	863.8	863.8	880.3	871.0	878.3	871.0	863.8
5°	852.5	867.9	857.6	862.8	855.6	856.6	872.1	864.8	872.1	866.9	860.7
7.5°	840.2	855.6	846.3	851.5	844.3	846.3	862.8	855.6	863.8	858.7	854.6
10°	823.6	840.2	831.9	837.0	830.8	831.9	848.3	843.2	850.4	847.4	844.3
12.5°	813.3	828.8	819.5	824.7	820.5	822.6	838.0	833.9	843.2	840.2	838.0
15°	804.0	818.4	810.3	815.4	812.3	813.3	829.8	825.7	836.0	833.9	832.9
17.5°	788.5	804.0	794.8	800.9	797.9	798.9	815.4	812.3	822.6	822.6	821.6
20°	768.0	783.4	776.2	780.4	778.3	780.4	794.8	792.7	803.0	803.0	803.0
22.5°	745.3	760.8	752.5	756.6	754.5	757.7	771.1	771.1	779.3	780.4	781.3
25°	719.5	735.0	726.7	731.8	729.8	731.8	744.2	745.3	752.5	752.5	754.5
27.5°	688.6	704.1	695.8	699.9	698.9	699.9	713.3	715.4	719.5	720.5	722.6
30°	651.5	665.9	657.6	661.8	661.8	661.8	675.2	676.2	680.3	681.4	683.4
32.5°	608.2	620.6	614.4	618.5	617.5	619.5	628.8	632.9	638.0	637.1	638.0
35°	558.7	572.1	566.0	569.0	570.0	573.2	579.3	584.5	585.5	586.5	588.6
37.5°	505.1	518.5	512.3	515.4	516.5	522.6	524.7	529.8	531.9	531.9	531.9
40°	453.5	459.8	454.6	457.7	458.7	463.9	465.9	470.0	472.1	471.1	470.0
42.5°	397.9	403.1	397.9	400.9	400.9	405.1	406.1	411.3	411.3	409.2	406.1
45°	343.3	348.4	343.3	345.3	345.3	349.4	349.4	349.4	351.6	348.4	343.3
47.5°	291.7	296.9	291.7	293.8	292.7	295.8	294.9	295.8	292.7	290.7	284.5
50°	245.4	247.4	245.4	244.3	245.4	247.4	246.4	246.4	242.3	239.1	231.9
52.5°	200.0	203.1	200.0	200.0	200.0	202.0	202.0	201.1	196.9	192.8	185.6
55°	161.8	163.9	162.9	161.8	161.8	163.9	161.8	161.8	157.7	154.6	147.4
57.5°	128.9	129.9	128.9	128.9	128.9	129.9	129.9	127.8	124.7	121.7	116.5
60°	99.9	101.0	101.0	99.9	99.9	102.1	102.1	101.0	97.9	95.9	90.7
62.5°	79.4	79.4	79.4	79.4	79.4	80.4	80.4	80.4	78.3	76.3	72.2
65°	62.9	63.9	62.9	62.9	63.9	65.0	63.9	65.0	62.9	61.9	58.7
67.5°	48.4	49.5	48.4	49.5	49.5	50.6	49.5	50.6	48.4	47.4	45.4
70°	37.1	37.1	37.1	37.1	37.1	38.2	37.1	38.2	37.1	36.0	34.0
72.5°	27.9	27.9	28.8	28.8	27.9	28.8	27.9	27.9	27.9	26.8	25.8
75°	20.6	20.6	21.6	20.6	20.6	20.6	20.6	20.6	19.6	19.6	18.5
77.5°	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	13.4	13.4	12.4
80°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	8.3	8.3
82.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.2	5.2
85°	3.1	3.1	3.1	4.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
87.5°	1.1	1.1	1.1	2.0	1.1	1.1	2.0	2.0	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°	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5
2.5°	872.1	875.1	875.1	872.1	879.3	873.1	885.5	874.2	877.2	887.5	886.5
5°	869.0	873.1	874.2	872.1	881.4	876.2	888.6	877.2	882.3	892.7	892.7
7.5°	864.8	870.0	872.1	874.2	882.3	877.2	891.7	880.3	887.5	899.9	898.9
10°	855.6	862.8	866.9	870.0	878.3	875.1	890.6	881.4	887.5	901.9	900.9
12.5°	850.4	858.7	864.8	870.0	879.3	877.2	892.7	884.5	892.7	907.1	907.1
15°	846.3	855.6	862.8	872.1	881.4	879.3	895.8	888.6	896.9	914.3	913.3
17.5°	836.0	847.4	854.6	864.8	874.2	873.1	890.6	885.5	894.7	911.3	912.2
20°	818.4	828.8	837.0	849.4	859.7	857.6	876.2	871.0	880.3	897.8	898.9
22.5°	795.7	806.1	814.4	827.8	837.0	836.0	854.6	849.4	858.7	875.1	876.2
25°	769.0	778.3	786.5	798.9	809.2	809.2	825.7	820.5	830.8	847.4	847.4
27.5°	736.0	744.2	751.4	765.9	774.1	774.1	789.6	784.4	794.8	809.2	808.1
30°	695.8	703.0	709.2	721.6	728.8	729.8	743.2	738.1	748.4	760.8	760.8
32.5°	647.4	654.6	658.7	674.2	679.3	678.3	688.6	683.4	693.8	707.1	704.1
35°	595.9	598.9	602.0	617.5	619.5	615.4	625.7	620.6	627.8	641.2	639.1
37.5°	537.0	538.1	538.1	551.4	552.5	549.4	555.6	549.4	554.6	566.9	566.0
40°	472.1	471.1	470.0	480.3	479.4	473.1	477.3	472.1	479.4	488.6	483.4
42.5°	406.1	403.1	398.9	404.1	400.0	394.8	396.9	388.7	393.7	400.9	394.8
45°	341.2	335.0	326.8	327.8	322.6	316.5	313.4	305.1	304.1	311.3	306.2
47.5°	280.4	268.0	260.8	256.7	248.4	243.2	237.1	227.8	223.7	227.8	222.7
50°	225.8	213.4	204.1	194.8	186.5	180.4	170.1	163.9	157.7	158.8	154.6
52.5°	178.4	170.1	154.6	147.4	139.2	132.0	122.6	115.4	108.2	108.2	104.1
55°	141.2	129.9	119.6	109.3	101.0	94.9	85.5	78.3	71.1	70.1	65.9
57.5°	109.3	101.0	89.7	79.4	74.2	68.0	58.7	50.6	46.4	43.3	40.2
60°	84.6	76.3	67.0	58.7	52.6	48.4	39.2	33.0	28.8	26.8	23.7
62.5°	68.0	60.8	52.6	44.3	40.2	36.0	28.8	23.7	19.6	17.5	15.5
65°	54.6	48.4	42.3	36.0	33.0	28.8	23.7	19.6	16.5	14.4	12.4
67.5°	42.3	38.2	33.0	28.8	25.8	22.7	18.5	15.5	13.4	11.3	10.3
70°	32.0	28.8	25.8	21.6	19.6	17.5	14.4	11.3	10.3	9.3	8.3
72.5°	24.7	21.6	18.5	16.5	14.4	13.4	11.3	9.3	8.3	7.2	6.1
75°	16.5	15.5	13.4	11.3	10.3	9.3	8.3	7.2	6.1	5.2	5.2
77.5°	11.3	10.3	9.3	8.3	7.2	7.2	6.1	5.2	4.1	4.1	3.1
80°	7.2	6.1	6.1	5.2	5.2	5.2	4.1	3.1	3.1	3.1	2.0
82.5°	5.2	4.1	4.1	3.1	3.1	3.1	3.1	2.0	2.0	2.0	1.1
85°	3.1	2.0	2.0	2.0	2.0	2.0	2.0	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°	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5
2.5°	878.3	887.5	887.5	895.8	896.9	894.7	885.5	885.5	897.8	905.0	892.7
5°	886.5	895.8	895.8	904.1	908.2	905.0	895.8	896.9	909.2	917.4	905.0
7.5°	893.7	903.0	905.0	914.3	917.4	914.3	905.0	907.1	920.5	927.7	915.4
10°	896.9	906.1	907.1	917.4	921.6	917.4	910.2	911.3	925.7	930.9	919.5
12.5°	904.1	913.3	913.3	924.6	928.8	925.7	916.4	918.5	932.9	938.1	926.7
15°	911.3	920.5	920.5	932.9	938.1	934.0	926.7	927.7	942.2	947.3	938.1
17.5°	911.3	919.5	919.5	932.9	938.1	934.9	926.7	927.7	943.2	947.3	938.1
20°	897.8	907.1	905.0	918.5	923.6	920.5	913.3	913.3	928.8	932.9	923.6
22.5°	876.2	884.5	882.3	894.7	900.9	896.9	890.6	889.6	905.0	909.2	899.9
25°	846.3	854.6	852.5	864.8	871.0	865.9	858.7	859.7	872.1	878.3	870.0
27.5°	811.2	816.4	813.3	825.7	831.9	826.7	819.5	820.5	832.9	837.0	830.8
30°	763.8	768.0	764.9	775.2	779.3	776.2	770.0	770.0	781.3	786.5	780.4
32.5°	707.1	710.2	707.1	715.4	723.7	717.4	711.3	711.3	723.7	727.8	720.5
35°	641.2	644.3	642.2	650.4	656.6	648.4	643.2	641.2	657.6	655.6	651.5
37.5°	568.0	570.0	563.8	578.3	581.3	572.1	568.0	566.0	580.4	579.3	575.2
40°	485.5	487.5	483.4	493.8	494.8	487.5	484.5	481.4	495.8	494.8	491.7
42.5°	397.9	398.9	393.7	402.0	404.1	396.9	395.9	391.7	405.1	403.1	402.0
45°	307.2	307.2	303.0	309.3	311.3	305.1	303.0	302.1	311.3	311.3	309.3
47.5°	222.7	219.6	214.4	223.7	224.7	220.6	219.6	216.4	225.8	225.8	223.7
50°	152.5	151.6	150.5	152.5	153.6	148.5	151.6	148.5	153.6	153.6	153.6
52.5°	102.1	101.0	99.0	101.0	101.0	97.9	97.9	96.9	101.0	101.0	99.0
55°	63.9	62.9	61.9	62.9	62.9	59.8	61.9	59.8	61.9	61.9	60.8
57.5°	39.2	37.1	37.1	36.0	36.0	34.0	35.1	35.1	35.1	35.1	35.1
60°	22.7	21.6	20.6	20.6	20.6	19.6	19.6	19.6	19.6	19.6	19.6
62.5°	14.4	14.4	13.4	13.4	13.4	13.4	13.4	12.4	13.4	13.4	13.4
65°	12.4	11.3	11.3	11.3	11.3	10.3	10.3	10.3	10.3	10.3	10.3
67.5°	10.3	9.3	9.3	9.3	9.3	8.3	8.3	8.3	8.3	8.3	8.3
70°	8.3	7.2	7.2	7.2	7.2	7.2	6.1	7.2	7.2	6.1	6.1
72.5°	6.1	6.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
75°	4.1	4.1	4.1	4.1	4.1	3.1	3.1	3.1	3.1	3.1	3.1
77.5°	3.1	3.1	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	1.1	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



TEST NUMBER:

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CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5
2.5°	907.1	896.9	891.7	901.9	906.1	900.9	896.9	889.6	896.9	900.9	906.1
5°	919.5	910.2	906.1	913.3	919.5	914.3	911.3	904.1	911.3	914.3	919.5
7.5°	930.9	921.6	916.4	923.6	930.9	923.6	920.5	914.3	920.5	923.6	930.9
10°	934.9	924.6	920.5	926.7	934.0	926.7	922.6	918.5	922.6	926.7	934.0
12.5°	942.2	931.8	926.7	931.8	939.0	931.8	927.7	924.6	927.7	931.8	939.0
15°	952.5	943.2	937.0	942.2	951.4	943.2	938.1	937.0	938.1	943.2	951.4
17.5°	952.5	945.3	939.0	943.2	952.5	946.2	939.0	941.2	939.0	946.2	952.5
20°	939.0	931.8	926.7	926.7	940.1	931.8	925.7	928.8	925.7	931.8	940.1
22.5°	915.4	909.2	904.1	903.0	916.4	909.2	900.9	907.1	900.9	909.2	916.4
25°	884.5	878.3	874.2	872.1	885.5	877.2	870.0	876.2	870.0	877.2	885.5
27.5°	844.3	839.1	835.0	831.9	844.3	837.0	829.8	836.0	829.8	837.0	844.3
30°	792.7	789.6	785.5	781.3	793.7	786.5	779.3	787.6	779.3	786.5	793.7
32.5°	732.9	730.9	725.7	721.6	734.0	725.7	720.5	726.7	720.5	725.7	734.0
35°	663.9	660.7	657.6	650.4	663.9	656.6	656.6	658.7	656.6	656.6	663.9
37.5°	586.5	584.5	580.4	574.1	585.5	580.4	578.3	584.5	578.3	580.4	585.5
40°	499.9	498.9	495.8	488.6	501.0	495.8	492.7	501.0	492.7	495.8	501.0
42.5°	409.2	407.2	404.1	403.1	409.2	405.1	408.2	408.2	408.2	405.1	409.2
45°	315.4	313.4	311.3	307.2	314.4	312.3	311.3	313.4	311.3	312.3	314.4
47.5°	228.8	226.8	224.7	221.6	228.8	225.8	225.8	227.8	225.8	225.8	228.8
50°	153.6	154.6	153.6	151.6	153.6	152.5	153.6	155.7	153.6	152.5	153.6
52.5°	102.1	102.1	99.9	99.0	101.0	99.9	103.1	101.0	103.1	99.9	101.0
55°	61.9	62.9	61.9	60.8	61.9	60.8	63.9	62.9	63.9	60.8	61.9
57.5°	35.1	35.1	36.0	35.1	37.1	36.0	36.0	36.0	36.0	36.0	37.1
60°	19.6	19.6	19.6	19.6	19.6	19.6	20.6	19.6	20.6	19.6	19.6
62.5°	13.4	13.4	13.4	12.4	13.4	12.4	13.4	13.4	13.4	12.4	13.4
65°	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
67.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
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°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
75°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
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°	1.1	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:

CATALOG NUMBER: LD6B20D010 EU6B10209030 6LBSW1MW

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5
2.5°	901.9	891.7	896.9	907.1	892.7	905.0	897.8	885.5	885.5	894.7	896.9
5°	913.3	906.1	910.2	919.5	905.0	917.4	909.2	896.9	895.8	905.0	908.2
7.5°	923.6	916.4	921.6	930.9	915.4	927.7	920.5	907.1	905.0	914.3	917.4
10°	926.7	920.5	924.6	934.9	919.5	930.9	925.7	911.3	910.2	917.4	921.6
12.5°	931.8	926.7	931.8	942.2	926.7	938.1	932.9	918.5	916.4	925.7	928.8
15°	942.2	937.0	943.2	952.5	938.1	947.3	942.2	927.7	926.7	934.0	938.1
17.5°	943.2	939.0	945.3	952.5	938.1	947.3	943.2	927.7	926.7	934.9	938.1
20°	926.7	926.7	931.8	939.0	923.6	932.9	928.8	913.3	913.3	920.5	923.6
22.5°	903.0	904.1	909.2	915.4	899.9	909.2	905.0	889.6	890.6	896.9	900.9
25°	872.1	874.2	878.3	884.5	870.0	878.3	872.1	859.7	858.7	865.9	871.0
27.5°	831.9	835.0	839.1	844.3	830.8	837.0	832.9	820.5	819.5	826.7	831.9
30°	781.3	785.5	789.6	792.7	780.4	786.5	781.3	770.0	770.0	776.2	779.3
32.5°	721.6	725.7	730.9	732.9	720.5	727.8	723.7	711.3	711.3	717.4	723.7
35°	650.4	657.6	660.7	663.9	651.5	655.6	657.6	641.2	643.2	648.4	656.6
37.5°	574.1	580.4	584.5	586.5	575.2	579.3	580.4	566.0	568.0	572.1	581.3
40°	488.6	495.8	498.9	499.9	491.7	494.8	495.8	481.4	484.5	487.5	494.8
42.5°	403.1	404.1	407.2	409.2	402.0	403.1	405.1	391.7	395.9	396.9	404.1
45°	307.2	311.3	313.4	315.4	309.3	311.3	311.3	302.1	303.0	305.1	311.3
47.5°	221.6	224.7	226.8	228.8	223.7	225.8	225.8	216.4	219.6	220.6	224.7
50°	151.6	153.6	154.6	153.6	153.6	153.6	153.6	148.5	151.6	148.5	153.6
52.5°	99.0	99.9	102.1	102.1	99.0	101.0	101.0	96.9	97.9	97.9	101.0
55°	60.8	61.9	62.9	61.9	60.8	61.9	61.9	59.8	61.9	59.8	62.9
57.5°	35.1	36.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	34.0	36.0
60°	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	20.6
62.5°	12.4	13.4	13.4	13.4	13.4	13.4	13.4	12.4	13.4	13.4	13.4
65°	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	11.3
67.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	9.3
70°	6.1	6.1	6.1	6.1	6.1	6.1	7.2	7.2	6.1	7.2	7.2
72.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
75°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	4.1
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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.0
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:

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5
2.5°	895.8	887.5	887.5	878.3	886.5	887.5	877.2	874.2	885.5	873.1	879.3
5°	904.1	895.8	895.8	886.5	892.7	892.7	882.3	877.2	888.6	876.2	881.4
7.5°	914.3	905.0	903.0	893.7	898.9	899.9	887.5	880.3	891.7	877.2	882.3
10°	917.4	907.1	906.1	896.9	900.9	901.9	887.5	881.4	890.6	875.1	878.3
12.5°	924.6	913.3	913.3	904.1	907.1	907.1	892.7	884.5	892.7	877.2	879.3
15°	932.9	920.5	920.5	911.3	913.3	914.3	896.9	888.6	895.8	879.3	881.4
17.5°	932.9	919.5	919.5	911.3	912.2	911.3	894.7	885.5	890.6	873.1	874.2
20°	918.5	905.0	907.1	897.8	898.9	897.8	880.3	871.0	876.2	857.6	859.7
22.5°	894.7	882.3	884.5	876.2	876.2	875.1	858.7	849.4	854.6	836.0	837.0
25°	864.8	852.5	854.6	846.3	847.4	847.4	830.8	820.5	825.7	809.2	809.2
27.5°	825.7	813.3	816.4	811.2	808.1	809.2	794.8	784.4	789.6	774.1	774.1
30°	775.2	764.9	768.0	763.8	760.8	760.8	748.4	738.1	743.2	729.8	728.8
32.5°	715.4	707.1	710.2	707.1	704.1	707.1	693.8	683.4	688.6	678.3	679.3
35°	650.4	642.2	644.3	641.2	639.1	641.2	627.8	620.6	625.7	615.4	619.5
37.5°	578.3	563.8	570.0	568.0	566.0	566.9	554.6	549.4	555.6	549.4	552.5
40°	493.8	483.4	487.5	485.5	483.4	488.6	479.4	472.1	477.3	473.1	479.4
42.5°	402.0	393.7	398.9	397.9	394.8	400.9	393.7	388.7	396.9	394.8	400.0
45°	309.3	303.0	307.2	307.2	306.2	311.3	304.1	305.1	313.4	316.5	322.6
47.5°	223.7	214.4	219.6	222.7	222.7	227.8	223.7	227.8	237.1	243.2	248.4
50°	152.5	150.5	151.6	152.5	154.6	158.8	157.7	163.9	170.1	180.4	186.5
52.5°	101.0	99.0	101.0	102.1	104.1	108.2	108.2	115.4	122.6	132.0	139.2
55°	62.9	61.9	62.9	63.9	65.9	70.1	71.1	78.3	85.5	94.9	101.0
57.5°	36.0	37.1	37.1	39.2	40.2	43.3	46.4	50.6	58.7	68.0	74.2
60°	20.6	20.6	21.6	22.7	23.7	26.8	28.8	33.0	39.2	48.4	52.6
62.5°	13.4	13.4	14.4	14.4	15.5	17.5	19.6	23.7	28.8	36.0	40.2
65°	11.3	11.3	11.3	12.4	12.4	14.4	16.5	19.6	23.7	28.8	33.0
67.5°	9.3	9.3	9.3	10.3	10.3	11.3	13.4	15.5	18.5	22.7	25.8
70°	7.2	7.2	7.2	8.3	8.3	9.3	10.3	11.3	14.4	17.5	19.6
72.5°	5.2	5.2	6.1	6.1	6.1	7.2	8.3	9.3	11.3	13.4	14.4
75°	4.1	4.1	4.1	4.1	5.2	5.2	6.1	7.2	8.3	9.3	10.3
77.5°	2.0	2.0	3.1	3.1	3.1	4.1	4.1	5.2	6.1	7.2	7.2
80°	2.0	2.0	2.0	2.0	2.0	3.1	3.1	3.1	4.1	5.2	5.2
82.5°	1.1	1.1	1.1	1.1	1.1	2.0	2.0	2.0	3.1	3.1	3.1
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.0	2.0	2.0
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:

CATALOG NUMBER: LD6B20D010 EU6B10209030 6LBSW1MW

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5	885.5
2.5°	872.1	875.1	875.1	872.1	863.8	871.0	878.3	871.0	880.3	863.8	863.8
5°	872.1	874.2	873.1	869.0	860.7	866.9	872.1	864.8	872.1	856.6	855.6
7.5°	874.2	872.1	870.0	864.8	854.6	858.7	863.8	855.6	862.8	846.3	844.3
10°	870.0	866.9	862.8	855.6	844.3	847.4	850.4	843.2	848.3	831.9	830.8
12.5°	870.0	864.8	858.7	850.4	838.0	840.2	843.2	833.9	838.0	822.6	820.5
15°	872.1	862.8	855.6	846.3	832.9	833.9	836.0	825.7	829.8	813.3	812.3
17.5°	864.8	854.6	847.4	836.0	821.6	822.6	822.6	812.3	815.4	798.9	797.9
20°	849.4	837.0	828.8	818.4	803.0	803.0	803.0	792.7	794.8	780.4	778.3
22.5°	827.8	814.4	806.1	795.7	781.3	780.4	779.3	771.1	771.1	757.7	754.5
25°	798.9	786.5	778.3	769.0	754.5	752.5	752.5	745.3	744.2	731.8	729.8
27.5°	765.9	751.4	744.2	736.0	722.6	720.5	719.5	715.4	713.3	699.9	698.9
30°	721.6	709.2	703.0	695.8	683.4	681.4	680.3	676.2	675.2	661.8	661.8
32.5°	674.2	658.7	654.6	647.4	638.0	637.1	638.0	632.9	628.8	619.5	617.5
35°	617.5	602.0	598.9	595.9	588.6	586.5	585.5	584.5	579.3	573.2	570.0
37.5°	551.4	538.1	538.1	537.0	531.9	531.9	531.9	529.8	524.7	522.6	516.5
40°	480.3	470.0	471.1	472.1	470.0	471.1	472.1	470.0	465.9	463.9	458.7
42.5°	404.1	398.9	403.1	406.1	406.1	409.2	411.3	411.3	406.1	405.1	400.9
45°	327.8	326.8	335.0	341.2	343.3	348.4	351.6	349.4	349.4	349.4	345.3
47.5°	256.7	260.8	268.0	280.4	284.5	290.7	292.7	295.8	294.9	295.8	292.7
50°	194.8	204.1	213.4	225.8	231.9	239.1	242.3	246.4	246.4	247.4	245.4
52.5°	147.4	154.6	170.1	178.4	185.6	192.8	196.9	201.1	202.0	202.0	200.0
55°	109.3	119.6	129.9	141.2	147.4	154.6	157.7	161.8	161.8	163.9	161.8
57.5°	79.4	89.7	101.0	109.3	116.5	121.7	124.7	127.8	129.9	129.9	128.9
60°	58.7	67.0	76.3	84.6	90.7	95.9	97.9	101.0	102.1	102.1	99.9
62.5°	44.3	52.6	60.8	68.0	72.2	76.3	78.3	80.4	80.4	80.4	79.4
65°	36.0	42.3	48.4	54.6	58.7	61.9	62.9	65.0	63.9	65.0	63.9
67.5°	28.8	33.0	38.2	42.3	45.4	47.4	48.4	50.6	49.5	50.6	49.5
70°	21.6	25.8	28.8	32.0	34.0	36.0	37.1	38.2	37.1	38.2	37.1
72.5°	16.5	18.5	21.6	24.7	25.8	26.8	27.9	27.9	27.9	28.8	27.9
75°	11.3	13.4	15.5	16.5	18.5	19.6	19.6	20.6	20.6	20.6	20.6
77.5°	8.3	9.3	10.3	11.3	12.4	13.4	13.4	14.4	14.4	14.4	14.4
80°	5.2	6.1	6.1	7.2	8.3	8.3	9.3	9.3	9.3	9.3	9.3
82.5°	3.1	4.1	4.1	5.2	5.2	5.2	6.1	6.1	6.1	6.1	6.1
85°	2.0	2.0	2.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	2.0	2.0	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:

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CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	885.5	885.5	885.5	885.5
2.5°	872.1	866.9	875.1	862.8
5°	862.8	857.6	867.9	852.5
7.5°	851.5	846.3	855.6	840.2
10°	837.0	831.9	840.2	823.6
12.5°	824.7	819.5	828.8	813.3
15°	815.4	810.3	818.4	804.0
17.5°	800.9	794.8	804.0	788.5
20°	780.4	776.2	783.4	768.0
22.5°	756.6	752.5	760.8	745.3
25°	731.8	726.7	735.0	719.5
27.5°	699.9	695.8	704.1	688.6
30°	661.8	657.6	665.9	651.5
32.5°	618.5	614.4	620.6	608.2
35°	569.0	566.0	572.1	558.7
37.5°	515.4	512.3	518.5	505.1
40°	457.7	454.6	459.8	453.5
42.5°	400.9	397.9	403.1	397.9
45°	345.3	343.3	348.4	343.3
47.5°	293.8	291.7	296.9	291.7
50°	244.3	245.4	247.4	245.4
52.5°	200.0	200.0	203.1	200.0
55°	161.8	162.9	163.9	161.8
57.5°	128.9	128.9	129.9	128.9
60°	99.9	101.0	101.0	99.9
62.5°	79.4	79.4	79.4	79.4
65°	62.9	62.9	63.9	62.9
67.5°	49.5	48.4	49.5	48.4
70°	37.1	37.1	37.1	37.1
72.5°	28.8	28.8	27.9	27.9
75°	20.6	21.6	20.6	20.6
77.5°	14.4	14.4	14.4	14.4
80°	9.3	9.3	9.3	9.3
82.5°	6.1	6.1	6.1	6.1
85°	4.1	3.1	3.1	3.1
87.5°	2.0	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)