

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: P212795

Luminaire Tested: **LE_6B15D010 EC6B10209730 6LBSWLI1**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P212795
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 EC6B10209730 6LBSWL1
Description: PORTFOLIO 6 INCH SINGLE WALLWASH RECESSED DOWNLIGHT, WITH SPECULAR CLEAR TRIM
Light Source: (1) HIGH LUMEN LED 97CRI / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1306.9 lumens
Efficiency: N/A
Efficacy: 90.8 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

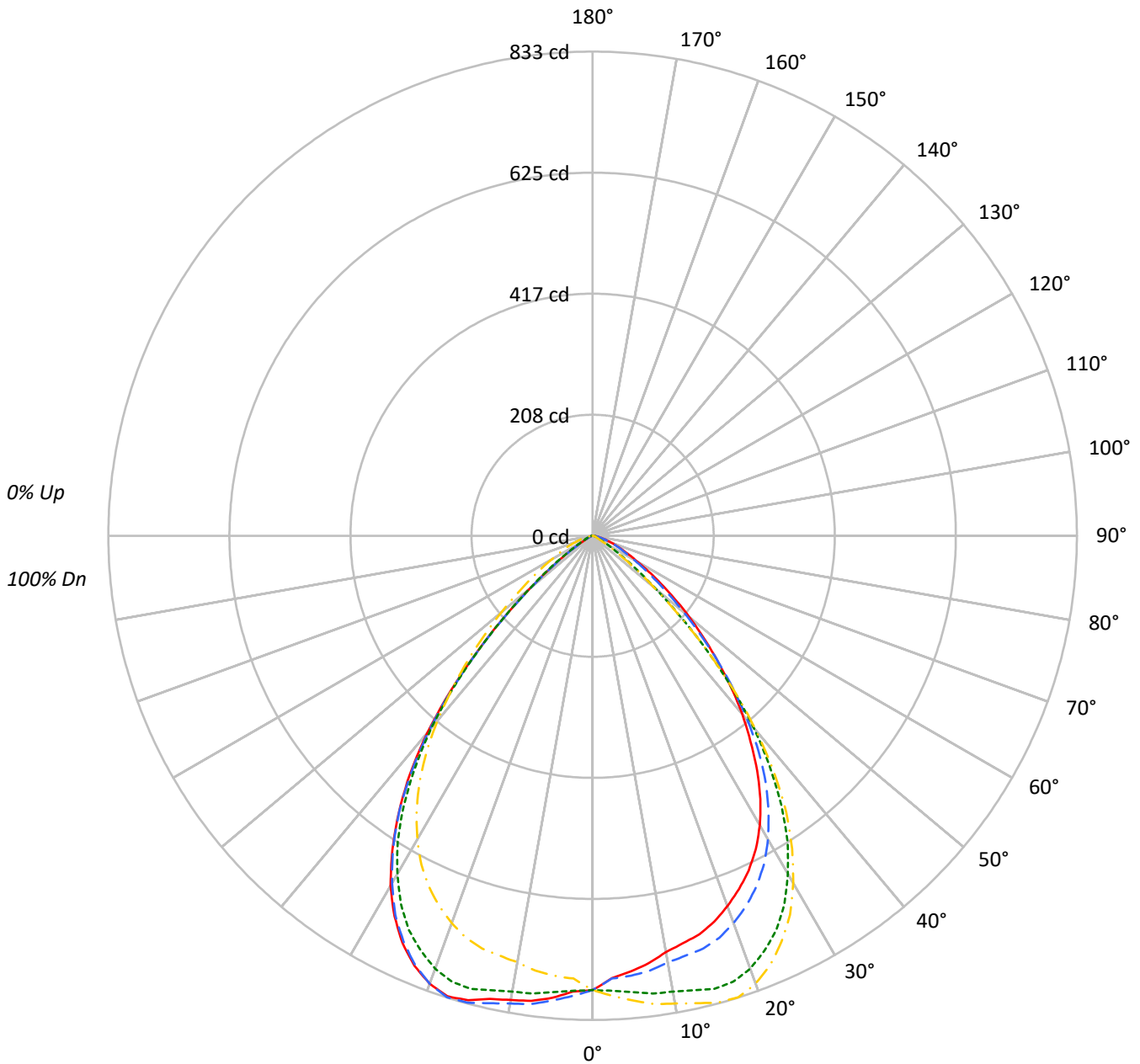
Input Watts (W): 14.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P212795

CATALOG NUMBER: LE_6B15D010 EC6B10209730 6LBSWL11

Luminous Intensity Polar Plot





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CATALOG NUMBER: LE_6B15D010 EC6B10209730 6LBSWL11

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°	42847	42847	42847	42847
5°	41410	43363	43914	43363
10°	40469	44321	45134	44321
15°	40284	45806	46941	45806
20°	39548	46233	47832	46233
25°	38416	45245	46787	45245
30°	36404	42507	44007	42507
35°	33006	37878	38916	37878
40°	28654	30858	31645	30858
45°	23491	21305	21444	21305
50°	18473	11948	11718	11948
55°	13658	5916	5304	5916
60°	9670	2588	1886	2588
65°	7199	1660	1180	1660
70°	5257	1314	882	1314
75°	3855	953	593	953
80°	2589	884	284	884
85°	1761	566	566	566



TEST NUMBER: P212795

CATALOG NUMBER: LE_6B15D010 EC6B10209730 6LBSWLI1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.8	5.7
10°-20°	221.6	17.0
20°-30°	330.7	25.3
30°-40°	339.8	26.0
40°-50°	220.0	16.8
50°-60°	81.8	6.3
60°-70°	26.8	2.1
70°-80°	9.5	0.7
80°-90°	1.7	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°	627.2	48.0
0°-40°	967.0	74.0
0°-60°	1268.8	97.1
0°-90°	1306.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1306.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	782	782	782	782	782	
5°	752	788	798	788	752	71
15°	710	807	827	807	710	200
25°	635	748	774	748	635	291
35°	493	566	582	566	493	306
45°	303	275	277	275	303	234
55°	143	62	56	62	143	130
65°	56	13	9	13	56	56
75°	18	4	3	4	18	20
85°	3	1	1	1	3	4
90°	0	0	0	0	0	



TEST NUMBER: P212795

CATALOG NUMBER: LE_6B15D010 EC6B10209730 6LBSWL11

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6
2.5°	761.6	772.5	765.2	769.8	762.5	762.5	777.1	768.9	775.2	768.9	762.5
5°	752.5	766.1	757.1	761.6	755.2	756.1	769.8	763.5	769.8	765.2	759.8
7.5°	741.6	755.2	747.0	751.6	745.2	747.0	761.6	755.2	762.5	758.0	754.4
10°	727.0	741.6	734.4	738.9	733.4	734.4	748.9	744.4	750.8	748.0	745.2
12.5°	718.0	731.6	723.4	728.0	724.4	726.1	739.8	736.1	744.4	741.6	739.8
15°	709.8	722.5	715.2	719.8	717.0	718.0	732.5	728.9	738.0	736.1	735.2
17.5°	696.1	709.8	701.6	707.0	704.2	705.2	719.8	717.0	726.1	726.1	725.2
20°	677.9	691.5	685.1	688.9	687.0	688.9	701.6	699.8	708.9	708.9	708.9
22.5°	657.9	671.5	664.2	667.9	666.1	668.8	680.6	680.6	687.9	688.9	689.8
25°	635.1	648.8	641.5	646.0	644.2	646.0	657.0	657.9	664.2	664.2	666.1
27.5°	607.9	621.5	614.2	617.9	617.0	617.9	629.6	631.5	635.1	636.0	637.9
30°	575.1	587.9	580.5	584.1	584.1	584.1	596.0	596.9	600.5	601.5	603.2
32.5°	536.9	547.8	542.4	546.0	545.0	546.9	555.1	558.8	563.2	562.4	563.2
35°	493.2	505.0	499.5	502.2	503.2	505.9	511.4	515.9	516.9	517.8	519.6
37.5°	445.9	457.8	452.2	455.0	455.9	461.4	463.1	467.8	469.5	469.5	469.5
40°	400.4	405.9	401.2	404.0	404.9	409.5	411.2	414.9	416.8	415.9	414.9
42.5°	351.2	355.8	351.2	354.0	354.0	357.6	358.5	363.1	363.1	361.2	358.5
45°	303.0	307.5	303.0	304.9	304.9	308.5	308.5	308.5	310.2	307.5	303.0
47.5°	257.5	262.1	257.5	259.4	258.4	261.1	260.2	261.1	258.4	256.6	251.1
50°	216.6	218.4	216.6	215.6	216.6	218.4	217.5	217.5	213.9	211.1	204.8
52.5°	176.5	179.2	176.5	176.5	176.5	178.4	178.4	177.5	173.8	170.1	163.8
55°	142.9	144.6	143.8	142.9	142.9	144.6	142.9	142.9	139.2	136.5	130.1
57.5°	113.8	114.6	113.8	113.8	113.8	114.6	114.6	112.9	110.1	107.4	102.9
60°	88.2	89.1	89.1	88.2	88.2	90.1	90.1	89.1	86.5	84.6	80.1
62.5°	70.1	70.1	70.1	70.1	70.1	71.0	71.0	71.0	69.1	67.4	63.8
65°	55.5	56.4	55.5	55.5	56.4	57.4	56.4	57.4	55.5	54.6	51.9
67.5°	42.8	43.6	42.8	43.6	43.6	44.6	43.6	44.6	42.8	41.9	40.0
70°	32.8	32.8	32.8	32.8	32.8	33.6	32.8	33.6	32.8	31.9	30.0
72.5°	24.6	24.6	25.5	25.5	24.6	25.5	24.6	24.6	24.6	23.6	22.8
75°	18.2	18.2	19.1	18.2	18.2	18.2	18.2	18.2	17.2	17.2	16.4
77.5°	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	11.9	11.9	10.9
80°	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	7.2	7.2
82.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4.5	4.5
85°	2.8	2.8	2.8	3.6	2.8	2.8	2.8	2.8	2.8	2.8	2.8
87.5°	0.9	0.9	0.9	1.9	0.9	0.9	1.9	1.9	0.9	0.9	0.9
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: P212795

CATALOG NUMBER: LE_6B15D010 EC6B10209730 6LBSWL11

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6
2.5°	769.8	772.5	772.5	769.8	776.1	770.8	781.6	771.6	774.4	783.5	782.5
5°	767.1	770.8	771.6	769.8	778.0	773.5	784.4	774.4	778.9	788.0	788.0
7.5°	763.5	768.0	769.8	771.6	778.9	774.4	787.1	777.1	783.5	794.4	793.5
10°	755.2	761.6	765.2	768.0	775.2	772.5	786.2	778.0	783.5	796.2	795.2
12.5°	750.8	758.0	763.5	768.0	776.1	774.4	788.0	780.8	788.0	800.8	800.8
15°	747.0	755.2	761.6	769.8	778.0	776.1	790.8	784.4	791.6	807.1	806.2
17.5°	738.0	748.0	754.4	763.5	771.6	770.8	786.2	781.6	789.9	804.4	805.2
20°	722.5	731.6	738.9	749.8	758.9	757.1	773.5	768.9	777.1	792.5	793.5
22.5°	702.5	711.6	718.9	730.6	738.9	738.0	754.4	749.8	758.0	772.5	773.5
25°	678.9	687.0	694.2	705.2	714.2	714.2	728.9	724.4	733.4	748.0	748.0
27.5°	649.8	657.0	663.4	676.1	683.4	683.4	697.0	692.5	701.6	714.2	713.4
30°	614.2	620.6	626.0	637.0	643.4	644.2	656.1	651.5	660.6	671.5	671.5
32.5°	571.5	577.8	581.5	595.1	599.6	598.8	607.9	603.2	612.4	624.2	621.5
35°	526.0	528.6	531.4	545.0	546.9	543.2	552.4	547.8	554.1	566.0	564.1
37.5°	474.1	475.0	475.0	486.9	487.8	485.0	490.5	485.0	489.5	500.5	499.5
40°	416.8	415.9	414.9	424.0	423.1	417.6	421.2	416.8	423.1	431.2	426.8
42.5°	358.5	355.8	352.1	356.8	353.0	348.5	350.4	343.0	347.6	354.0	348.5
45°	301.2	295.8	288.5	289.4	284.8	279.4	276.6	269.4	268.4	274.8	270.2
47.5°	247.5	236.6	230.2	226.6	219.2	214.8	209.2	201.1	197.5	201.1	196.5
50°	199.2	188.4	180.1	172.0	164.8	159.2	150.1	144.6	139.2	140.1	136.5
52.5°	157.4	150.1	136.5	130.1	122.9	116.5	108.2	101.9	95.5	95.5	91.9
55°	124.6	114.6	105.5	96.5	89.1	83.8	75.5	69.1	62.8	61.9	58.2
57.5°	96.5	89.1	79.1	70.1	65.5	60.0	51.9	44.6	41.0	38.2	35.5
60°	74.6	67.4	59.1	51.9	46.4	42.8	34.6	29.1	25.5	23.6	20.9
62.5°	60.0	53.6	46.4	39.1	35.5	31.9	25.5	20.9	17.2	15.5	13.6
65°	48.2	42.8	37.2	31.9	29.1	25.5	20.9	17.2	14.5	12.8	10.9
67.5°	37.2	33.6	29.1	25.5	22.8	20.0	16.4	13.6	11.9	10.0	9.1
70°	28.2	25.5	22.8	19.1	17.2	15.5	12.8	10.0	9.1	8.2	7.2
72.5°	21.9	19.1	16.4	14.5	12.8	11.9	10.0	8.2	7.2	6.4	5.5
75°	14.5	13.6	11.9	10.0	9.1	8.2	7.2	6.4	5.5	4.5	4.5
77.5°	10.0	9.1	8.2	7.2	6.4	6.4	5.5	4.5	3.6	3.6	2.8
80°	6.4	5.5	5.5	4.5	4.5	4.5	3.6	2.8	2.8	2.8	1.9
82.5°	4.5	3.6	3.6	2.8	2.8	2.8	2.8	1.9	1.9	1.9	0.9
85°	2.8	1.9	1.9	1.9	1.9	1.9	1.9	0.9	0.9	0.9	0.9
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	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: P212795

CATALOG NUMBER: LE_6B15D010 EC6B10209730 6LBSWL11

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6
2.5°	775.2	783.5	783.5	790.8	791.6	789.9	781.6	781.6	792.5	798.9	788.0
5°	782.5	790.8	790.8	798.0	801.6	798.9	790.8	791.6	802.6	809.9	798.9
7.5°	788.9	797.1	798.9	807.1	809.9	807.1	798.9	800.8	812.6	819.0	808.0
10°	791.6	799.9	800.8	809.9	813.5	809.9	803.5	804.4	817.1	821.6	811.6
12.5°	798.0	806.2	806.2	816.2	819.9	817.1	808.9	810.8	823.5	828.0	818.0
15°	804.4	812.6	812.6	823.5	828.0	824.4	818.0	819.0	831.6	836.2	828.0
17.5°	804.4	811.6	811.6	823.5	828.0	825.4	818.0	819.0	832.6	836.2	828.0
20°	792.5	800.8	798.9	810.8	815.2	812.6	806.2	806.2	819.9	823.5	815.2
22.5°	773.5	780.8	778.9	789.9	795.2	791.6	786.2	785.2	798.9	802.6	794.4
25°	747.0	754.4	752.5	763.5	768.9	764.4	758.0	758.9	769.8	775.2	768.0
27.5°	716.1	720.6	718.0	728.9	734.4	729.8	723.4	724.4	735.2	738.9	733.4
30°	674.2	677.9	675.1	684.2	687.9	685.1	679.8	679.8	689.8	694.2	688.9
32.5°	624.2	627.0	624.2	631.5	638.8	633.4	627.9	627.9	638.8	642.4	636.0
35°	566.0	568.8	566.9	574.1	579.6	572.4	567.8	566.0	580.5	578.8	575.1
37.5°	501.4	503.2	497.8	510.5	513.2	505.0	501.4	499.5	512.2	511.4	507.8
40°	428.6	430.4	426.8	435.9	436.8	430.4	427.6	425.0	437.6	436.8	434.0
42.5°	351.2	352.1	347.6	354.9	356.8	350.4	349.4	345.8	357.6	355.8	354.9
45°	271.1	271.1	267.5	273.0	274.8	269.4	267.5	266.6	274.8	274.8	273.0
47.5°	196.5	193.9	189.2	197.5	198.4	194.8	193.9	191.1	199.2	199.2	197.5
50°	134.6	133.8	132.9	134.6	135.6	131.0	133.8	131.0	135.6	135.6	135.6
52.5°	90.1	89.1	87.4	89.1	89.1	86.5	86.5	85.5	89.1	89.1	87.4
55°	56.4	55.5	54.6	55.5	55.5	52.8	54.6	52.8	54.6	54.6	53.6
57.5°	34.6	32.8	32.8	31.9	31.9	30.0	31.0	31.0	31.0	31.0	31.0
60°	20.0	19.1	18.2	18.2	18.2	17.2	17.2	17.2	17.2	17.2	17.2
62.5°	12.8	12.8	11.9	11.9	11.9	11.9	11.9	10.9	11.9	11.9	11.9
65°	10.9	10.0	10.0	10.0	10.0	9.1	9.1	9.1	9.1	9.1	9.1
67.5°	9.1	8.2	8.2	8.2	8.2	7.2	7.2	7.2	7.2	7.2	7.2
70°	7.2	6.4	6.4	6.4	6.4	6.4	5.5	6.4	6.4	5.5	5.5
72.5°	5.5	5.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	3.6	3.6	3.6	3.6	3.6	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	2.8	2.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	1.9	1.9	1.9	1.9	1.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.9	0.9	0.9	0.9	0.9	0.0	0.9	0.0	0.9	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: P212795

CATALOG NUMBER: LE_6B15D010 EC6B10209730 6LBSWL11

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6
2.5°	800.8	791.6	787.1	796.2	799.9	795.2	791.6	785.2	791.6	795.2	799.9
5°	811.6	803.5	799.9	806.2	811.6	807.1	804.4	798.0	804.4	807.1	811.6
7.5°	821.6	813.5	808.9	815.2	821.6	815.2	812.6	807.1	812.6	815.2	821.6
10°	825.4	816.2	812.6	818.0	824.4	818.0	814.4	810.8	814.4	818.0	824.4
12.5°	831.6	822.6	818.0	822.6	829.0	822.6	819.0	816.2	819.0	822.6	829.0
15°	840.8	832.6	827.1	831.6	839.9	832.6	828.0	827.1	828.0	832.6	839.9
17.5°	840.8	834.4	829.0	832.6	840.8	835.4	829.0	830.8	829.0	835.4	840.8
20°	829.0	822.6	818.0	818.0	829.9	822.6	817.1	819.9	817.1	822.6	829.9
22.5°	808.0	802.6	798.0	797.1	808.9	802.6	795.2	800.8	795.2	802.6	808.9
25°	780.8	775.2	771.6	769.8	781.6	774.4	768.0	773.5	768.0	774.4	781.6
27.5°	745.2	740.8	737.0	734.4	745.2	738.9	732.5	738.0	732.5	738.9	745.2
30°	699.8	697.0	693.4	689.8	700.6	694.2	687.9	695.2	687.9	694.2	700.6
32.5°	647.0	645.1	640.6	637.0	647.9	640.6	636.0	641.5	636.0	640.6	647.9
35°	586.0	583.2	580.5	574.1	586.0	579.6	579.6	581.5	579.6	579.6	586.0
37.5°	517.8	515.9	512.2	506.9	516.9	512.2	510.5	515.9	510.5	512.2	516.9
40°	441.4	440.4	437.6	431.2	442.2	437.6	435.0	442.2	435.0	437.6	442.2
42.5°	361.2	359.4	356.8	355.8	361.2	357.6	360.4	360.4	360.4	357.6	361.2
45°	278.5	276.6	274.8	271.1	277.5	275.8	274.8	276.6	274.8	275.8	277.5
47.5°	202.0	200.1	198.4	195.6	202.0	199.2	199.2	201.1	199.2	199.2	202.0
50°	135.6	136.5	135.6	133.8	135.6	134.6	135.6	137.4	135.6	134.6	135.6
52.5°	90.1	90.1	88.2	87.4	89.1	88.2	91.0	89.1	91.0	88.2	89.1
55°	54.6	55.5	54.6	53.6	54.6	53.6	56.4	55.5	56.4	53.6	54.6
57.5°	31.0	31.0	31.9	31.0	32.8	31.9	31.9	31.9	31.9	31.9	32.8
60°	17.2	17.2	17.2	17.2	17.2	17.2	18.2	17.2	18.2	17.2	17.2
62.5°	11.9	11.9	11.9	10.9	11.9	10.9	11.9	11.9	11.9	10.9	11.9
65°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
67.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
70°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
72.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	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: P212795

CATALOG NUMBER: LE_6B15D010 EC6B10209730 6LBSWL11

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6
2.5°	796.2	787.1	791.6	800.8	788.0	798.9	792.5	781.6	781.6	789.9	791.6
5°	806.2	799.9	803.5	811.6	798.9	809.9	802.6	791.6	790.8	798.9	801.6
7.5°	815.2	808.9	813.5	821.6	808.0	819.0	812.6	800.8	798.9	807.1	809.9
10°	818.0	812.6	816.2	825.4	811.6	821.6	817.1	804.4	803.5	809.9	813.5
12.5°	822.6	818.0	822.6	831.6	818.0	828.0	823.5	810.8	808.9	817.1	819.9
15°	831.6	827.1	832.6	840.8	828.0	836.2	831.6	819.0	818.0	824.4	828.0
17.5°	832.6	829.0	834.4	840.8	828.0	836.2	832.6	819.0	818.0	825.4	828.0
20°	818.0	818.0	822.6	829.0	815.2	823.5	819.9	806.2	806.2	812.6	815.2
22.5°	797.1	798.0	802.6	808.0	794.4	802.6	798.9	785.2	786.2	791.6	795.2
25°	769.8	771.6	775.2	780.8	768.0	775.2	769.8	758.9	758.0	764.4	768.9
27.5°	734.4	737.0	740.8	745.2	733.4	738.9	735.2	724.4	723.4	729.8	734.4
30°	689.8	693.4	697.0	699.8	688.9	694.2	689.8	679.8	679.8	685.1	687.9
32.5°	637.0	640.6	645.1	647.0	636.0	642.4	638.8	627.9	627.9	633.4	638.8
35°	574.1	580.5	583.2	586.0	575.1	578.8	580.5	566.0	567.8	572.4	579.6
37.5°	506.9	512.2	515.9	517.8	507.8	511.4	512.2	499.5	501.4	505.0	513.2
40°	431.2	437.6	440.4	441.4	434.0	436.8	437.6	425.0	427.6	430.4	436.8
42.5°	355.8	356.8	359.4	361.2	354.9	355.8	357.6	345.8	349.4	350.4	356.8
45°	271.1	274.8	276.6	278.5	273.0	274.8	274.8	266.6	267.5	269.4	274.8
47.5°	195.6	198.4	200.1	202.0	197.5	199.2	199.2	191.1	193.9	194.8	198.4
50°	133.8	135.6	136.5	135.6	135.6	135.6	135.6	131.0	133.8	131.0	135.6
52.5°	87.4	88.2	90.1	90.1	87.4	89.1	89.1	85.5	86.5	86.5	89.1
55°	53.6	54.6	55.5	54.6	53.6	54.6	54.6	52.8	54.6	52.8	55.5
57.5°	31.0	31.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	30.0	31.9
60°	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	18.2
62.5°	10.9	11.9	11.9	11.9	11.9	11.9	11.9	10.9	11.9	11.9	11.9
65°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	10.0
67.5°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	8.2
70°	5.5	5.5	5.5	5.5	5.5	5.5	6.4	6.4	5.5	6.4	6.4
72.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
75°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	3.6
77.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.9	0.0	0.9
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: P212795

CATALOG NUMBER: LE_6B15D010 EC6B10209730 6LBSWL11

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6
2.5°	790.8	783.5	783.5	775.2	782.5	783.5	774.4	771.6	781.6	770.8	776.1
5°	798.0	790.8	790.8	782.5	788.0	788.0	778.9	774.4	784.4	773.5	778.0
7.5°	807.1	798.9	797.1	788.9	793.5	794.4	783.5	777.1	787.1	774.4	778.9
10°	809.9	800.8	799.9	791.6	795.2	796.2	783.5	778.0	786.2	772.5	775.2
12.5°	816.2	806.2	806.2	798.0	800.8	800.8	788.0	780.8	788.0	774.4	776.1
15°	823.5	812.6	812.6	804.4	806.2	807.1	791.6	784.4	790.8	776.1	778.0
17.5°	823.5	811.6	811.6	804.4	805.2	804.4	789.9	781.6	786.2	770.8	771.6
20°	810.8	798.9	800.8	792.5	793.5	792.5	777.1	768.9	773.5	757.1	758.9
22.5°	789.9	778.9	780.8	773.5	773.5	772.5	758.0	749.8	754.4	738.0	738.9
25°	763.5	752.5	754.4	747.0	748.0	748.0	733.4	724.4	728.9	714.2	714.2
27.5°	728.9	718.0	720.6	716.1	713.4	714.2	701.6	692.5	697.0	683.4	683.4
30°	684.2	675.1	677.9	674.2	671.5	671.5	660.6	651.5	656.1	644.2	643.4
32.5°	631.5	624.2	627.0	624.2	621.5	624.2	612.4	603.2	607.9	598.8	599.6
35°	574.1	566.9	568.8	566.0	564.1	566.0	554.1	547.8	552.4	543.2	546.9
37.5°	510.5	497.8	503.2	501.4	499.5	500.5	489.5	485.0	490.5	485.0	487.8
40°	435.9	426.8	430.4	428.6	426.8	431.2	423.1	416.8	421.2	417.6	423.1
42.5°	354.9	347.6	352.1	351.2	348.5	354.0	347.6	343.0	350.4	348.5	353.0
45°	273.0	267.5	271.1	271.1	270.2	274.8	268.4	269.4	276.6	279.4	284.8
47.5°	197.5	189.2	193.9	196.5	196.5	201.1	197.5	201.1	209.2	214.8	219.2
50°	134.6	132.9	133.8	134.6	136.5	140.1	139.2	144.6	150.1	159.2	164.8
52.5°	89.1	87.4	89.1	90.1	91.9	95.5	95.5	101.9	108.2	116.5	122.9
55°	55.5	54.6	55.5	56.4	58.2	61.9	62.8	69.1	75.5	83.8	89.1
57.5°	31.9	32.8	32.8	34.6	35.5	38.2	41.0	44.6	51.9	60.0	65.5
60°	18.2	18.2	19.1	20.0	20.9	23.6	25.5	29.1	34.6	42.8	46.4
62.5°	11.9	11.9	12.8	12.8	13.6	15.5	17.2	20.9	25.5	31.9	35.5
65°	10.0	10.0	10.0	10.9	10.9	12.8	14.5	17.2	20.9	25.5	29.1
67.5°	8.2	8.2	8.2	9.1	9.1	10.0	11.9	13.6	16.4	20.0	22.8
70°	6.4	6.4	6.4	7.2	7.2	8.2	9.1	10.0	12.8	15.5	17.2
72.5°	4.5	4.5	5.5	5.5	5.5	6.4	7.2	8.2	10.0	11.9	12.8
75°	3.6	3.6	3.6	3.6	4.5	4.5	5.5	6.4	7.2	8.2	9.1
77.5°	1.9	1.9	2.8	2.8	2.8	3.6	3.6	4.5	5.5	6.4	6.4
80°	1.9	1.9	1.9	1.9	1.9	2.8	2.8	2.8	3.6	4.5	4.5
82.5°	0.9	0.9	0.9	0.9	0.9	1.9	1.9	1.9	2.8	2.8	2.8
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.9	1.9	1.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.9	0.9	0.9
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: P212795

CATALOG NUMBER: LE_6B15D010 EC6B10209730 6LBSWL11

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6	781.6
2.5°	769.8	772.5	772.5	769.8	762.5	768.9	775.2	768.9	777.1	762.5	762.5
5°	769.8	771.6	770.8	767.1	759.8	765.2	769.8	763.5	769.8	756.1	755.2
7.5°	771.6	769.8	768.0	763.5	754.4	758.0	762.5	755.2	761.6	747.0	745.2
10°	768.0	765.2	761.6	755.2	745.2	748.0	750.8	744.4	748.9	734.4	733.4
12.5°	768.0	763.5	758.0	750.8	739.8	741.6	744.4	736.1	739.8	726.1	724.4
15°	769.8	761.6	755.2	747.0	735.2	736.1	738.0	728.9	732.5	718.0	717.0
17.5°	763.5	754.4	748.0	738.0	725.2	726.1	726.1	717.0	719.8	705.2	704.2
20°	749.8	738.9	731.6	722.5	708.9	708.9	708.9	699.8	701.6	688.9	687.0
22.5°	730.6	718.9	711.6	702.5	689.8	688.9	687.9	680.6	680.6	668.8	666.1
25°	705.2	694.2	687.0	678.9	666.1	664.2	664.2	657.9	657.0	646.0	644.2
27.5°	676.1	663.4	657.0	649.8	637.9	636.0	635.1	631.5	629.6	617.9	617.0
30°	637.0	626.0	620.6	614.2	603.2	601.5	600.5	596.9	596.0	584.1	584.1
32.5°	595.1	581.5	577.8	571.5	563.2	562.4	563.2	558.8	555.1	546.9	545.0
35°	545.0	531.4	528.6	526.0	519.6	517.8	516.9	515.9	511.4	505.9	503.2
37.5°	486.9	475.0	475.0	474.1	469.5	469.5	469.5	467.8	463.1	461.4	455.9
40°	424.0	414.9	415.9	416.8	414.9	415.9	416.8	414.9	411.2	409.5	404.9
42.5°	356.8	352.1	355.8	358.5	358.5	361.2	363.1	363.1	358.5	357.6	354.0
45°	289.4	288.5	295.8	301.2	303.0	307.5	310.2	308.5	308.5	308.5	304.9
47.5°	226.6	230.2	236.6	247.5	251.1	256.6	258.4	261.1	260.2	261.1	258.4
50°	172.0	180.1	188.4	199.2	204.8	211.1	213.9	217.5	217.5	218.4	216.6
52.5°	130.1	136.5	150.1	157.4	163.8	170.1	173.8	177.5	178.4	178.4	176.5
55°	96.5	105.5	114.6	124.6	130.1	136.5	139.2	142.9	142.9	144.6	142.9
57.5°	70.1	79.1	89.1	96.5	102.9	107.4	110.1	112.9	114.6	114.6	113.8
60°	51.9	59.1	67.4	74.6	80.1	84.6	86.5	89.1	90.1	90.1	88.2
62.5°	39.1	46.4	53.6	60.0	63.8	67.4	69.1	71.0	71.0	71.0	70.1
65°	31.9	37.2	42.8	48.2	51.9	54.6	55.5	57.4	56.4	57.4	56.4
67.5°	25.5	29.1	33.6	37.2	40.0	41.9	42.8	44.6	43.6	44.6	43.6
70°	19.1	22.8	25.5	28.2	30.0	31.9	32.8	33.6	32.8	33.6	32.8
72.5°	14.5	16.4	19.1	21.9	22.8	23.6	24.6	24.6	24.6	25.5	24.6
75°	10.0	11.9	13.6	14.5	16.4	17.2	17.2	18.2	18.2	18.2	18.2
77.5°	7.2	8.2	9.1	10.0	10.9	11.9	11.9	12.8	12.8	12.8	12.8
80°	4.5	5.5	5.5	6.4	7.2	7.2	8.2	8.2	8.2	8.2	8.2
82.5°	2.8	3.6	3.6	4.5	4.5	4.5	5.5	5.5	5.5	5.5	5.5
85°	1.9	1.9	1.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
87.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.9	1.9	0.9	0.9
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: P212795

CATALOG NUMBER: LE_6B15D010 EC6B10209730 6LBSWLI1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	781.6	781.6	781.6	781.6
2.5°	769.8	765.2	772.5	761.6
5°	761.6	757.1	766.1	752.5
7.5°	751.6	747.0	755.2	741.6
10°	738.9	734.4	741.6	727.0
12.5°	728.0	723.4	731.6	718.0
15°	719.8	715.2	722.5	709.8
17.5°	707.0	701.6	709.8	696.1
20°	688.9	685.1	691.5	677.9
22.5°	667.9	664.2	671.5	657.9
25°	646.0	641.5	648.8	635.1
27.5°	617.9	614.2	621.5	607.9
30°	584.1	580.5	587.9	575.1
32.5°	546.0	542.4	547.8	536.9
35°	502.2	499.5	505.0	493.2
37.5°	455.0	452.2	457.8	445.9
40°	404.0	401.2	405.9	400.4
42.5°	354.0	351.2	355.8	351.2
45°	304.9	303.0	307.5	303.0
47.5°	259.4	257.5	262.1	257.5
50°	215.6	216.6	218.4	216.6
52.5°	176.5	176.5	179.2	176.5
55°	142.9	143.8	144.6	142.9
57.5°	113.8	113.8	114.6	113.8
60°	88.2	89.1	89.1	88.2
62.5°	70.1	70.1	70.1	70.1
65°	55.5	55.5	56.4	55.5
67.5°	43.6	42.8	43.6	42.8
70°	32.8	32.8	32.8	32.8
72.5°	25.5	25.5	24.6	24.6
75°	18.2	19.1	18.2	18.2
77.5°	12.8	12.8	12.8	12.8
80°	8.2	8.2	8.2	8.2
82.5°	5.5	5.5	5.5	5.5
85°	3.6	2.8	2.8	2.8
87.5°	1.9	0.9	0.9	0.9
90°	0.0	0.0	0.0	0.0



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





















(END OF REPORT)