

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: PORTFOLIO

Report Number: P844032

Luminaire Tested: **LD6C15DE010B2750 EU6C15B30 6LBDWWLI**

Issue Date: 5/7/2024



Test Information

Test Method: LM-79-08
Report Number: P844032
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2107-320-13)
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: PORTFOLIO
Catalog Number: LD6C15DE010B2750 EU6C15B30 6LBLDWWLI
Description:
Light Source: -
Ballast/Driver:

Summary

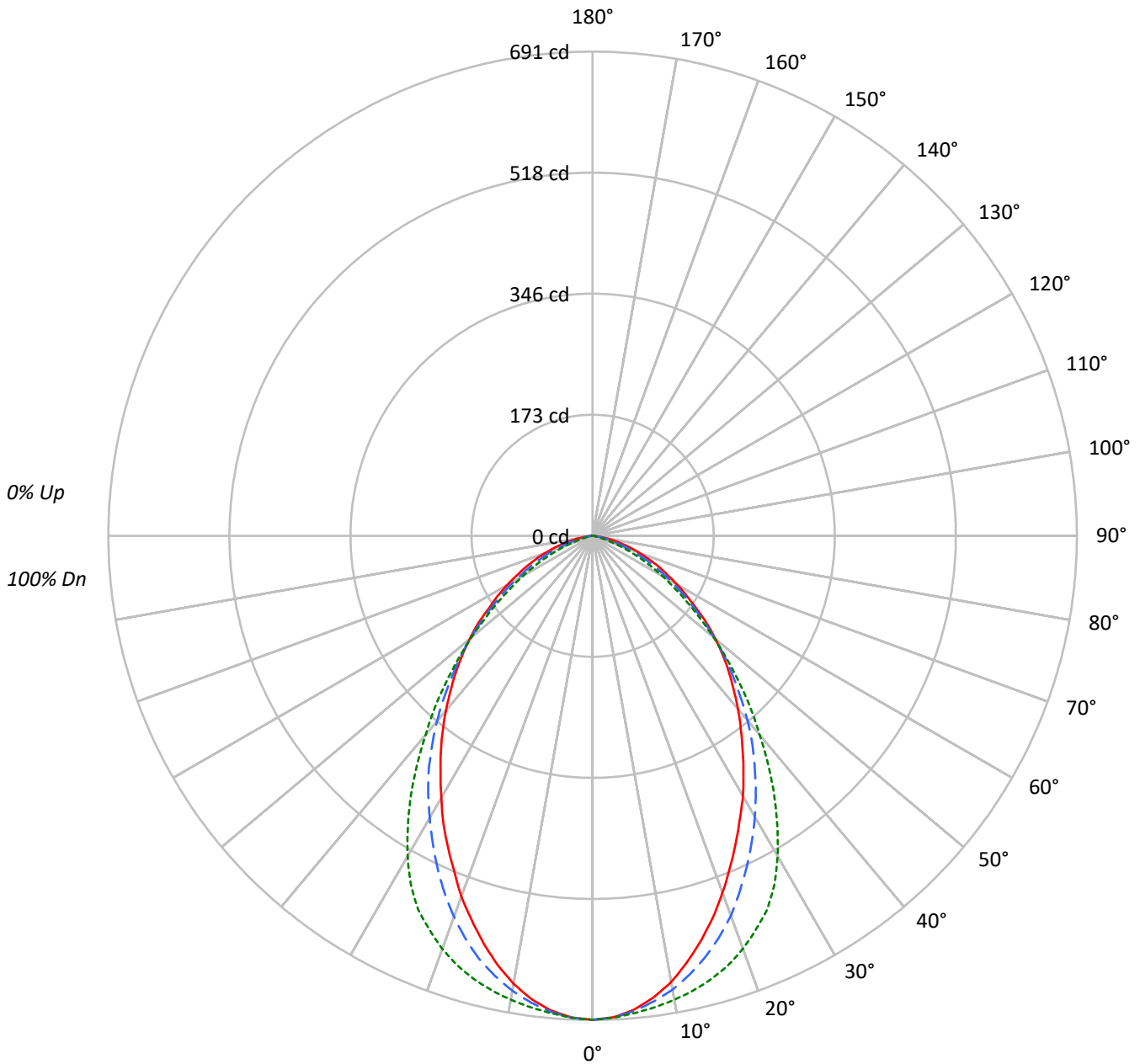
Lumens per Lamp: N/A
Luminaire Lumens: 1236.4 lumens
Efficiency: N/A
Efficacy: 72.7 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 1.15 / 1.13
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 17
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

TEST NUMBER: P844032

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B30 6LBLDWWLI

Luminous Intensity Polar Plot





TEST NUMBER: P844032

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B30 6LBLDWWLI

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	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88																			
2	103	96	90	85	100	94	89	84	91	86	82	87	84	81	85	82	79	77																			
3	95	86	79	73	93	84	78	73	82	76	72	79	74	70	77	73	69	67																			
4	88	77	70	64	86	76	69	64	74	68	63	72	66	62	70	65	61	59																			
5	82	70	62	57	80	69	62	56	67	61	56	65	60	55	64	59	55	53																			
6	76	64	56	50	74	63	56	50	61	55	50	60	54	49	58	53	49	47																			
7	71	59	51	45	69	58	50	45	56	50	45	55	49	45	54	48	44	42																			
8	66	54	46	41	65	53	46	41	52	45	41	51	45	40	50	44	40	38																			
9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	35																			
10	59	46	39	34	57	46	39	34	45	39	34	44	38	34	43	38	34	32																			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	37864	37864	37864
5°	37365	37629	37426
10°	35994	37430	36138
15°	33928	37174	34149
20°	31614	36596	31952
25°	29234	35615	29590
30°	27156	33429	27340
35°	24982	30236	25270
40°	23093	26521	23301
45°	21328	22917	21398
50°	19513	19215	19496
55°	17232	15703	17309
60°	15229	12598	15448
65°	13400	9365	13490
70°	11268	5882	11572
75°	8938	2478	9193
80°	5967	568	6409
85°	2453	126	2956



TEST NUMBER: P844032

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B30 6LBLDWWLI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.4	5.2
10°-20°	175.6	14.2
20°-30°	242.5	19.6
30°-40°	255.0	20.6
40°-50°	219.6	17.8
50°-60°	156.4	12.6
60°-70°	88.2	7.1
70°-80°	31.2	2.5
80°-90°	3.5	0.3
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°	482.4	39.0
0°-40°	737.4	59.6
0°-60°	1113.4	90.1
0°-90°	1236.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1236.4	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	691	691	691	691	691	
5°	679	681	684	682	680	64
15°	598	622	655	625	602	168
25°	483	520	589	524	489	223
35°	373	403	452	408	378	234
45°	275	283	296	283	276	212
55°	180	174	164	174	181	163
65°	103	88	72	89	104	102
75°	42	28	12	29	43	46
85°	4	2	0	2	5	7
90°	0	0	0	0	0	



TEST NUMBER: P844032

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B30 6LBLDWWLI

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7
2.5°	687.7	688.0	688.0	688.2	688.0	688.0	688.2	688.2	688.0	688.2	688.2
5°	679.0	678.7	679.0	679.2	679.8	679.8	679.6	679.6	680.4	680.1	680.6
7.5°	664.6	664.6	665.4	665.8	665.8	666.0	666.5	667.4	668.3	668.5	670.2
10°	646.6	646.8	646.6	647.6	648.2	649.4	649.2	650.8	652.5	654.8	657.7
12.5°	622.9	623.6	625.0	625.0	627.1	628.2	628.0	631.6	634.7	637.4	641.1
15°	597.8	597.6	598.7	600.5	602.6	604.2	605.0	609.7	612.8	617.3	622.0
17.5°	570.8	570.1	572.0	573.1	576.5	578.6	580.0	584.1	589.0	594.5	600.7
20°	541.9	543.1	543.6	545.2	549.8	551.5	553.7	558.3	563.2	569.6	576.8
22.5°	512.4	514.0	515.0	517.1	520.8	522.2	524.5	531.1	536.4	542.1	548.9
25°	483.3	485.2	486.8	489.4	491.9	494.0	497.0	501.6	507.6	513.0	520.5
27.5°	455.0	456.6	457.1	460.1	463.1	465.9	467.5	473.0	478.1	484.5	491.9
30°	429.0	428.0	429.2	431.7	435.2	437.0	439.8	443.5	449.1	455.2	462.8
32.5°	400.3	400.3	402.2	405.2	407.9	409.3	410.3	415.3	420.8	426.9	433.1
35°	373.3	374.3	375.9	377.8	380.7	381.9	384.0	387.6	392.1	398.7	403.4
37.5°	347.3	348.0	349.7	351.5	353.8	356.1	357.0	361.0	364.1	369.6	374.1
40°	322.7	322.9	324.7	325.4	327.4	328.4	330.3	332.3	337.0	339.3	343.4
42.5°	297.7	298.9	299.6	301.2	301.4	303.2	304.2	304.9	308.6	310.0	312.2
45°	275.1	275.1	275.8	275.8	277.0	276.3	277.6	279.0	279.3	281.5	283.0
47.5°	251.6	250.9	251.8	251.6	251.4	251.4	251.8	252.0	252.8	254.4	255.1
50°	228.8	227.2	227.2	227.0	226.7	227.4	227.4	227.2	227.2	227.8	227.2
52.5°	205.5	205.0	203.9	203.0	202.5	202.5	202.5	201.6	201.6	201.1	199.5
55°	180.3	181.1	180.5	180.1	179.9	179.2	179.2	178.0	176.2	175.2	174.3
57.5°	158.6	159.6	159.6	158.6	157.5	157.1	155.9	155.3	153.6	152.0	150.2
60°	138.9	140.0	138.3	137.7	137.5	136.8	136.3	133.8	132.1	130.5	128.5
62.5°	119.9	120.4	119.2	118.6	117.8	117.2	117.0	114.9	112.1	110.0	107.5
65°	103.3	102.6	102.2	101.0	99.8	98.9	98.9	96.1	93.6	91.1	88.5
67.5°	86.0	86.5	85.8	84.8	83.0	82.1	80.7	78.9	76.6	74.0	71.1
70°	70.3	70.1	69.4	68.5	67.4	65.7	64.6	63.7	60.4	57.4	54.9
72.5°	56.1	55.8	55.1	53.9	52.4	51.6	50.8	48.4	45.9	43.4	40.6
75°	42.2	42.4	41.2	40.8	39.0	38.3	38.1	35.3	33.2	30.9	28.3
77.5°	30.2	30.2	29.1	28.1	27.2	26.8	25.8	24.2	22.6	20.3	18.2
80°	18.9	18.9	18.9	18.0	17.0	16.6	15.9	14.8	13.1	11.7	10.4
82.5°	10.2	10.2	9.7	9.4	9.0	8.6	8.2	7.8	6.7	6.0	5.1
85°	3.9	3.9	3.7	3.7	3.3	3.3	3.0	2.7	2.3	2.1	1.8
87.5°	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	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: P844032

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B30 6LBLDWWLI

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7
2.5°	688.4	688.4	688.2	688.4	688.4	688.4	688.4	688.4	688.4	688.4	688.6
5°	681.0	681.8	682.0	682.2	682.6	682.9	683.1	683.3	683.5	683.8	683.8
7.5°	671.6	673.2	674.3	675.5	675.9	676.5	677.1	678.0	678.7	678.7	678.5
10°	660.3	662.4	664.6	666.7	667.4	668.5	669.7	671.1	672.2	672.4	672.4
12.5°	645.5	647.8	651.9	655.4	656.8	658.4	660.7	662.8	664.0	664.6	664.4
15°	627.1	631.9	637.6	641.6	643.5	646.2	649.9	652.2	654.0	655.0	654.5
17.5°	607.0	613.2	619.5	624.7	627.3	630.0	635.1	639.2	642.1	642.7	642.3
20°	584.1	591.1	597.8	604.4	607.9	611.1	616.5	621.8	626.3	627.3	626.6
22.5°	556.9	564.8	572.8	580.4	584.3	587.4	595.0	600.9	606.3	608.6	607.0
25°	528.8	537.1	545.6	552.3	556.7	561.8	568.7	575.7	582.1	588.8	582.8
27.5°	498.9	506.4	515.5	524.7	528.8	532.5	539.6	548.4	555.2	561.8	555.2
30°	468.8	478.6	486.6	494.7	499.3	503.6	510.8	517.9	524.5	528.1	524.0
32.5°	440.7	447.9	455.9	463.8	467.1	470.4	476.5	483.1	489.4	490.5	487.8
35°	411.2	417.4	424.1	429.2	433.1	436.8	442.1	446.2	447.9	451.8	449.1
37.5°	377.8	383.3	389.3	393.0	396.4	399.5	403.4	407.1	408.5	411.4	409.3
40°	346.2	350.8	354.2	358.1	360.0	363.0	364.6	367.6	369.2	370.6	370.8
42.5°	315.7	318.2	320.8	323.5	324.3	324.9	328.8	330.9	332.5	333.5	332.1
45°	284.6	287.1	288.0	290.1	291.3	291.7	293.4	293.6	294.0	295.6	295.0
47.5°	256.3	256.5	257.1	258.1	258.5	258.5	259.4	258.5	259.0	259.2	259.6
50°	226.4	228.1	226.4	227.4	227.6	227.4	226.7	226.2	225.6	225.3	225.1
52.5°	198.3	198.5	197.7	196.9	196.3	196.5	194.6	193.8	194.0	192.6	194.2
55°	172.7	171.9	169.8	169.0	167.4	167.2	167.0	165.8	163.9	164.3	164.7
57.5°	148.1	146.5	144.4	143.2	142.8	140.9	140.7	138.9	137.7	137.5	137.5
60°	125.6	124.3	122.3	120.1	118.6	117.6	116.4	114.6	115.1	114.9	113.7
62.5°	104.5	102.9	99.8	97.5	96.7	95.9	94.3	93.0	92.2	93.0	92.2
65°	85.6	83.0	79.5	77.2	77.0	76.1	74.2	73.3	72.7	72.2	72.9
67.5°	68.0	64.6	62.5	59.5	58.1	57.6	55.1	53.7	53.9	53.7	53.9
70°	51.9	48.4	45.7	43.4	41.5	40.8	39.4	37.5	37.3	36.7	37.5
72.5°	37.5	34.6	32.0	29.5	27.9	27.0	25.2	23.3	22.8	22.4	22.4
75°	25.8	23.3	20.5	18.2	17.0	16.2	14.3	12.9	11.7	11.7	11.7
77.5°	16.2	14.1	12.0	10.4	9.7	8.8	7.2	5.8	5.3	4.7	4.9
80°	9.2	7.6	6.5	5.3	4.7	4.1	3.3	2.5	1.8	1.8	1.8
82.5°	4.3	3.7	2.7	2.3	2.1	1.6	1.2	1.0	0.7	0.4	0.4
85°	1.4	1.2	1.0	0.7	0.4	0.4	0.2	0.2	0.2	0.2	0.2
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: P844032

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B30 6LBLDWWLI

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7
2.5°	688.4	688.6	688.4	688.6	688.4	688.8	688.8	688.6	688.6	688.6	688.4
5°	683.5	683.5	683.3	683.3	683.3	683.1	682.4	682.4	682.0	681.8	681.2
7.5°	678.3	677.8	677.1	676.9	676.1	675.5	674.1	673.0	672.0	670.9	669.7
10°	671.8	670.6	669.3	668.3	667.9	666.3	664.2	661.4	659.5	657.5	655.2
12.5°	663.5	662.1	659.5	657.7	656.6	653.6	650.6	647.2	643.5	639.8	637.4
15°	652.7	650.3	647.2	645.3	643.3	639.0	633.7	628.9	625.2	621.0	615.5
17.5°	640.0	636.5	632.1	629.2	626.6	621.0	614.8	608.6	603.1	598.0	592.5
20°	622.4	618.3	613.0	609.1	606.6	599.4	592.7	585.3	578.6	572.6	566.2
22.5°	601.9	595.0	589.7	585.1	582.3	574.3	566.9	559.1	551.9	546.6	539.6
25°	576.1	569.4	562.8	559.1	554.6	546.2	538.5	530.4	523.7	517.1	510.6
27.5°	548.7	540.8	533.5	529.0	525.1	516.9	509.3	501.8	494.2	486.8	481.1
30°	518.7	510.8	505.0	499.5	495.2	488.4	479.0	471.6	464.9	458.3	452.2
32.5°	485.2	478.8	471.8	469.1	465.9	457.7	450.4	443.3	436.6	429.9	423.7
35°	446.5	441.5	437.2	434.3	432.1	425.1	419.2	411.6	407.5	400.8	396.2
37.5°	406.8	404.2	401.5	397.8	394.8	390.7	387.2	381.0	376.1	371.3	366.3
40°	368.8	366.0	362.3	360.4	359.8	356.1	351.2	348.0	345.2	340.9	338.1
42.5°	331.7	330.3	326.6	325.6	324.7	321.5	319.2	316.4	314.5	311.4	310.0
45°	293.8	293.6	292.6	291.7	291.3	288.9	288.5	285.0	283.4	282.7	281.3
47.5°	260.4	259.6	258.3	259.6	257.6	257.3	257.3	256.7	255.9	254.1	253.9
50°	226.2	227.4	227.6	227.0	228.3	228.1	227.0	227.2	227.6	228.6	227.2
52.5°	194.9	195.8	197.5	196.7	197.9	199.0	198.5	200.4	199.7	200.6	202.5
55°	165.1	167.6	169.3	168.6	169.5	170.9	171.3	172.9	174.3	176.0	177.2
57.5°	139.5	140.2	142.6	143.2	143.4	144.6	146.9	149.4	151.0	152.2	153.4
60°	114.4	116.7	118.3	118.3	120.1	121.7	123.8	126.2	128.0	130.7	132.8
62.5°	93.2	93.6	95.9	96.1	97.5	100.4	102.0	105.4	107.7	110.7	113.5
65°	72.7	74.7	76.1	76.4	78.4	80.5	82.8	86.0	89.3	91.8	94.3
67.5°	54.5	55.6	57.4	59.0	59.5	62.5	66.0	69.0	71.7	74.0	77.2
70°	38.1	39.0	41.5	42.4	43.8	46.1	48.9	52.1	55.3	58.6	61.1
72.5°	23.3	25.4	27.0	28.3	29.5	32.3	35.3	38.1	40.8	43.6	46.9
75°	12.9	14.3	16.2	17.6	18.7	20.7	23.5	26.3	28.9	31.4	33.6
77.5°	5.8	7.2	8.8	9.7	10.6	12.5	14.5	16.8	18.9	20.7	22.8
80°	2.3	3.3	4.1	4.9	5.3	6.5	8.0	9.2	10.6	12.3	13.9
82.5°	1.0	1.2	1.6	2.1	2.3	3.0	3.7	4.3	5.5	6.2	7.2
85°	0.2	0.2	0.4	0.4	0.7	1.0	1.2	1.6	1.8	2.1	2.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.4
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: P844032

CATALOG NUMBER: LD6C15DE010B2750 EU6C15B30 6LBLDWWLI

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°
0°	690.7	690.7	690.7	690.7	690.7	690.7	690.7	690.7
2.5°	688.4	688.2	688.2	688.2	688.2	688.0	688.0	688.0
5°	681.4	681.0	680.8	680.8	680.1	680.4	680.4	680.1
7.5°	669.3	668.8	668.1	668.5	668.3	667.7	667.4	667.2
10°	653.3	652.5	652.2	651.1	650.3	650.1	650.1	649.2
12.5°	634.5	631.9	631.6	630.6	628.9	628.0	628.4	627.1
15°	613.4	609.7	607.9	607.0	605.2	603.5	602.1	601.7
17.5°	587.8	583.7	582.3	581.4	577.5	577.3	575.4	574.7
20°	561.1	557.4	555.4	554.0	550.9	548.2	548.0	547.7
22.5°	535.1	529.0	527.2	525.1	521.9	519.6	518.2	517.1
25°	505.5	500.7	497.4	495.4	493.1	491.3	489.4	489.2
27.5°	476.0	471.4	469.3	467.5	464.5	462.4	460.6	461.4
30°	447.2	442.5	440.3	438.9	435.9	434.7	431.5	431.9
32.5°	418.6	414.4	412.8	410.0	407.3	405.9	404.8	403.8
35°	391.1	387.6	385.4	383.5	381.0	378.6	377.6	377.6
37.5°	363.2	359.8	358.6	357.3	354.9	351.7	350.5	351.5
40°	334.8	332.3	331.1	330.3	328.0	326.8	325.6	325.6
42.5°	307.9	305.3	305.1	304.2	302.4	301.6	300.7	300.1
45°	279.7	278.6	277.6	277.6	277.4	277.2	276.5	276.0
47.5°	252.8	253.0	252.6	252.4	252.6	251.8	252.8	252.0
50°	228.1	227.6	228.1	227.6	227.8	228.8	227.8	228.6
52.5°	201.8	203.9	204.1	203.2	204.1	204.8	205.3	206.5
55°	178.5	179.2	179.7	180.5	181.1	182.4	181.1	181.1
57.5°	155.9	157.1	157.5	158.2	160.0	159.4	160.5	161.4
60°	135.4	136.8	137.7	138.3	139.1	140.7	141.1	140.9
62.5°	115.3	117.4	117.6	119.5	119.9	121.1	122.1	121.1
65°	96.7	98.5	99.8	101.0	102.4	103.5	103.3	104.0
67.5°	79.5	81.9	83.0	83.4	85.4	85.8	86.9	87.7
70°	64.1	65.7	67.2	67.8	69.0	70.3	71.5	72.2
72.5°	48.9	51.4	52.8	53.3	55.1	56.1	56.5	57.2
75°	36.2	38.3	39.0	40.1	41.0	43.2	42.9	43.4
77.5°	25.2	26.5	27.9	27.9	29.5	29.9	31.1	31.4
80°	15.0	16.6	17.3	17.6	18.7	19.4	19.9	20.3
82.5°	7.8	9.0	9.0	9.4	10.4	10.4	10.6	11.1
85°	3.0	3.5	3.7	3.7	3.9	4.3	4.3	4.7
87.5°	0.4	0.4	0.4	0.7	0.7	0.7	0.7	0.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



Report Generated By 670246072 / DESKTOP-50001EG





— 0°-180° - - 45°-225° - - - - 90°-270°













(END OF REPORT)