

**LUMINAIRE:** CWW2-40VWG-1WR-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 24" led with frosted acrylic prisms lens  
 Scaled form Test#16.00843  
**BALLAST:** XI040C110V054BPT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 1441  
**WATTS:** 15.20  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = N/A 90° = N/A  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 0.25  
 WIDTH: 1.92  
 HEIGHT: 0.00

TEST #16234  
 DATE: 6/3/2016  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 95**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.50**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

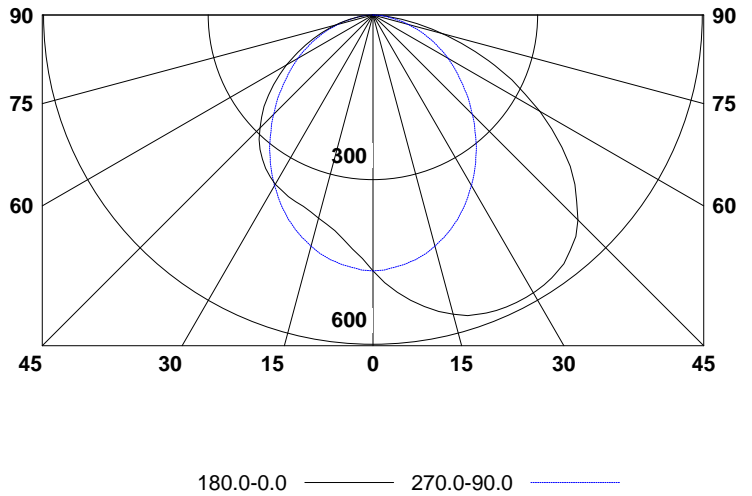
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	374	26.0	26.0
0-40	626	43.4	43.4
0-60	1137	78.9	78.9
0-90	1441	100.0	100.0
0-180	1441	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	466	466	466	466	466
7.5	524	519	496	468	412
15.0	564	555	512	457	383
22.5	583	570	512	433	368
30.0	584	566	497	396	356
37.5	571	549	466	349	331
45.0	528	509	419	294	291
52.5	453	438	358	236	240
60.0	351	346	284	180	182
67.5	240	241	200	125	123
75.0	130	138	118	75	70
82.5	42	49	47	32	27
90.0	0	0	0	0	0

**INDOOR CANDELA PLOT**



**AVERAGE LUMINANCE**

ANGLE	0.0	22.5	45.0	67.5	90.0	180.0
0	10450	10450	10450	10450	10450	10450
30	15122	14785	13646	11626	9296	9218
40	16364	15866	14285	11534	8519	9368
45	16745	16237	14525	11353	8119	9229
50	16746	16362	14652	11094	7745	9036
55	16421	16147	14544	10712	7389	8640
60	15742	15563	14173	10226	7086	8163
65	14804	14698	13584	9657	6739	7482
70	13244	13441	12523	8983	6360	6884
75	11264	11870	11437	8145	5805	6065
80	8911	9686	9944	7103	5166	5166
85	5918	6690	7719	6175	4632	4117

**CANDELA/SQ M**

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.

THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: \_\_\_\_\_

**LUMINAIRE:** CWW2-40VWG-1WR-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 24" led with frosted acylic prisms lens  
Scaled form Test#16.00843

TEST #16234  
DATE: 6/3/2016

**CANDELA VALUES**

ANGLE	0.0	5.0	10.0	15.0	20.0	22.5	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	67.5	70.0
0.0	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466	466
2.5	488	489	489	489	488	488	487	486	485	482	481	479	477	475	473	471	470
5.0	507	508	508	507	506	504	503	502	499	497	494	491	487	483	478	476	474
7.5	524	524	523	523	521	520	519	517	513	510	506	501	496	491	485	480	478
10.0	539	539	539	538	536	535	533	530	524	520	515	509	502	495	488	483	479
12.5	553	553	552	551	549	547	544	540	535	529	522	516	508	499	490	485	480
15.0	564	564	563	561	559	556	555	550	544	537	529	520	512	501	490	485	478
17.5	574	574	573	570	566	564	562	557	550	542	533	523	513	501	489	482	476
20.0	579	579	578	576	573	570	568	561	554	545	536	526	514	500	486	478	471
22.5	583	582	581	579	575	573	570	564	556	547	537	524	512	497	481	473	465
25.0	585*	583	582	580	575	573	570	563	556	545	535	522	509	493	475	467	457
27.5	585	584	583	580	575	572	569	561	553	543	532	518	503	487	468	458	449
30.0	584	583	582	578	574	571	566	559	550	539	527	513	497	479	459	449	438
32.5	582	580	578	575	570	565	562	554	543	532	518	503	489	469	449	437	426
35.0	577	576	574	569	564	560	556	548	536	524	510	494	478	458	437	426	413
37.5	571	569	566	562	556	553	549	539	529	515	500	485	466	446	423	411	398
40.0	559	558	556	552	545	542	538	529	517	503	488	471	451	430	407	394	382
42.5	547	545	543	539	533	530	526	516	504	490	475	456	436	414	391	378	366
45.0	528	527	524	521	516	512	509	499	489	475	458	439	419	396	371	358	346
47.5	503	504	502	498	495	492	489	481	471	457	440	420	399	376	351	338	326
50.0	480	478	477	475	471	469	465	457	449	436	420	401	380	356	332	318	306
52.5	453	451	451	449	445	441	438	432	424	412	398	379	358	335	311	297	285
55.0	420	419	419	417	414	413	410	404	396	386	372	354	335	311	288	274	263
57.5	386	386	386	385	384	382	379	375	367	358	346	329	309	288	264	252	240
60.0	351	350	351	350	349	347	346	342	336	328	316	302	284	263	241	228	218
62.5	312	314	314	313	313	312	312	309	305	297	287	272	255	235	214	205	194
65.0	279	277	277	277	277	277	277	274	271	265	256	244	227	209	190	182	172
67.5	240	239	240	240	242	241	241	239	235	230	223	213	200	184	168	159	150
70.0	202	202	204	204	205	205	205	205	203	199	191	183	172	158	143	137	128
72.5	165	165	166	168	170	170	170	171	169	167	161	155	144	132	120	114	108
75.0	130	131	131	133	136	137	138	139	137	137	132	125	118	108	98	94	88
77.5	98	98	100	102	103	105	104	106	106	105	104	99	92	85	78	74	69
80.0	69	68	70	71	74	75	76	77	78	78	77	74	69	63	58	55	52
82.5	42	44	44	45	47	48	49	52	53	54	53	50	47	44	40	38	37
85.0	23	23	23	24	25	26	26	27	28	29	30	30	29	27	25	24	22
87.5	9	9	9	9	11	9	11	11	11	12	13	13	13	13	12	11	11
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE

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**CANDELA VALUES**

ANGLE	75.0	80.0	85.0	90.0	112.5	135.0	157.5	180.0
0.0	466	466	466	466	466	466	466	466
2.5	468	467	467	465	453	448	445	444
5.0	470	468	466	461	444	433	428	428
7.5	472	468	463	457	433	420	413	412
10.0	472	466	459	452	421	407	400	399
12.5	470	461	454	445	410	395	390	390
15.0	467	457	447	436	397	383	382	383
17.5	462	451	438	426	385	372	374	376
20.0	456	442	430	415	371	362	368	371
22.5	448	433	417	403	356	352	363	368
25.0	439	421	405	389	343	343	357	365
27.5	428	410	392	374	328	333	352	360
30.0	416	396	376	359	314	325	348	356
32.5	403	382	362	343	300	315	341	349
35.0	389	366	345	326	286	307	333	341
37.5	373	349	329	309	272	297	325	331
40.0	355	332	310	291	259	287	313	320
42.5	338	313	293	274	245	276	302	307
45.0	320	294	274	256	230	264	287	291
47.5	300	276	255	239	217	251	272	275
50.0	281	256	238	222	204	236	258	259
52.5	261	236	220	205	190	222	239	240
55.0	238	218	202	189	177	207	222	221
57.5	217	200	185	173	163	191	204	201
60.0	197	180	168	158	148	176	185	182
62.5	177	162	150	143	135	159	165	161
65.0	157	144	133	127	120	142	145	141
67.5	137	125	118	111	106	125	127	123
70.0	118	108	102	97	91	108	108	105
72.5	98	91	85	82	78	90	90	87
75.0	80	75	70	67	64	75	74	70
77.5	63	58	56	53	50	59	56	56
80.0	47	44	42	40	38	43	42	40
82.5	34	32	29	28	27	29	28	27
85.0	21	20	19	18	17	17	16	16
87.5	9	9	9	9	7	5	4	4
90.0	0	0	0	0	0	0	0	0