

**LUMINAIRE:** CWW2-50MWG-1WR-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 24" led with frosted acylic prisms lens  
 Scaled from Test#16.00841  
**BALLAST:** XI040C110V054BPT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 1941  
**WATTS:** 20.40  
**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 #16238  
 DATE: 6/3/2016  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 95**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.47**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

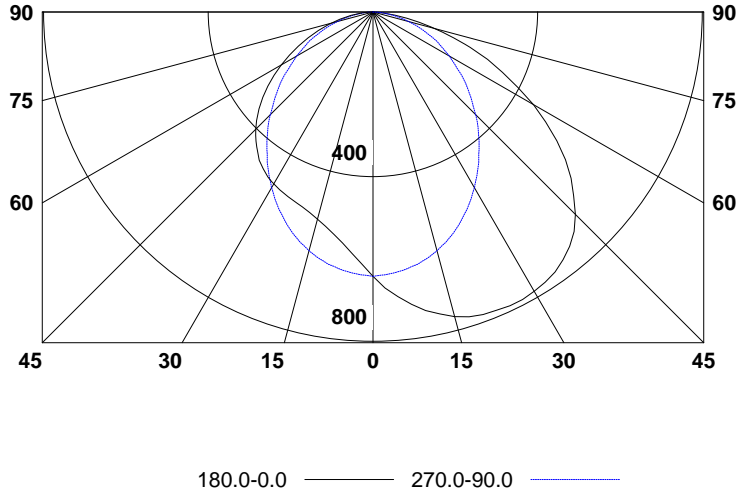
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	510	26.3	26.3
0-40	850	43.8	43.8
0-60	1538	79.2	79.2
0-90	1941	100.0	100.0
0-180	1941	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	642	642	642	642	642
7.5	716	711	680	646	566
15.0	766	754	699	630	521
22.5	784	768	697	597	498
30.0	783	762	674	545	482
37.5	758	733	627	480	454
45.0	695	674	562	404	403
52.5	589	575	478	324	336
60.0	450	447	374	244	258
67.5	301	306	260	168	177
75.0	155	166	151	100	104
82.5	44	52	58	40	46
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	14397	14397	14397	14397	14397	14397
30	20275	19835	18385	15847	12766	12481
40	21750	21165	19145	15691	11709	12793
45	22041	21470	19440	15413	11195	12781
50	21909	21386	19467	15001	10641	12524
55	21308	20995	19157	14466	10126	12120
60	20182	20003	18568	13769	9643	11571
65	18412	18678	17617	12894	9180	10772
70	16457	16785	16129	11736	8524	9966
75	13430	14210	14296	10397	7885	9011
80	9944	10848	11881	8911	6974	8136
85	5661	6433	8491	7205	6433	7205

**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:** CWW2-50MWG-1WR-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 24" led with frosted acylic prisms lens  
Scaled from Test#16.00841

TEST #16238  
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	642	642	642	642	642	642	642	642	642	642	642	642	642	642	642	642	642
2.5	671	671	672	672	672	671	669	669	667	665	663	661	658	655	651	650	648
5.0	694	695	695	695	693	693	691	689	686	684	679	675	671	665	660	656	653
7.5	716	717	716	716	714	712	711	709	704	698	693	688	680	674	666	662	658
10.0	736	736	736	735	732	730	728	724	718	712	705	698	689	680	671	665	660
12.5	751	752	751	750	746	744	742	737	730	723	714	705	694	684	672	665	659
15.0	766	766	764	763	758	756	754	748	740	731	722	711	699	686	672	664	658
17.5	776	776	774	773	768	766	763	755	746	738	726	714	701	686	669	661	652
20.0	782	781	780	777	774	770	767	761	751	740	728	715	700	684	665	656	646
22.5	784	784	782	779	775	773	768	762	752	741	728	713	697	678	659	648	637
25.0	<b>787*</b>	786	784	781	775	773	768	760	750	738	725	710	691	672	650	639	627
27.5	787	786	783	780	774	770	766	757	745	733	718	702	684	663	639	627	614
30.0	783	782	780	777	769	766	762	752	740	726	710	692	674	651	626	612	599
32.5	778	777	775	770	763	760	755	744	730	716	700	681	660	637	611	597	582
35.0	771	769	766	762	754	750	745	733	720	705	687	667	646	621	594	579	564
37.5	758	758	755	751	742	738	733	723	707	691	673	651	627	602	574	560	544
40.0	743	742	739	733	727	723	717	706	691	674	654	633	608	582	552	536	520
42.5	723	720	718	713	707	702	699	687	673	655	635	612	587	559	528	512	496
45.0	695	693	691	687	682	677	674	663	650	633	613	590	562	534	503	486	470
47.5	661	661	660	656	650	648	643	636	623	607	588	562	536	507	475	457	442
50.0	628	626	624	620	617	613	611	602	591	578	558	535	508	478	447	430	413
52.5	589	587	587	583	582	576	575	566	557	545	526	506	478	449	418	401	385
55.0	545	543	543	540	539	537	535	527	519	507	490	470	446	416	386	370	354
57.5	497	497	498	496	495	495	492	487	480	469	452	434	411	383	354	337	323
60.0	450	449	449	448	450	446	447	443	437	427	414	397	374	349	322	307	294
62.5	397	400	399	400	398	399	399	397	393	385	374	357	336	314	288	276	261
65.0	347	350	350	352	352	352	354	350	347	341	332	317	298	277	254	243	230
67.5	301	301	302	302	304	303	306	304	302	297	289	278	260	242	220	210	201
70.0	251	248	253	253	256	256	259	258	256	253	246	235	222	206	188	179	171
72.5	200	201	204	205	208	209	209	212	212	209	203	195	184	170	156	149	142
75.0	155	154	158	161	164	164	166	169	170	168	165	158	151	138	127	120	115
77.5	114	113	115	117	123	123	125	126	128	129	127	124	116	107	99	94	90
80.0	77	76	78	79	85	84	87	89	91	92	92	90	86	79	72	69	66
82.5	44	44	46	49	50	51	52	56	59	60	61	59	58	54	50	47	46
85.0	22	21	22	22	24	25	25	26	28	30	33	34	34	31	29	28	27
87.5	8	8	8	8	8	8	8	8	9	9	10	11	12	12	12	12	12
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE

**LUMINAIRE:** CWW2-50MWG-1WR-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 24" led with frosted acrylic prisms lens  
Scaled from Test#16.00841

TEST #16238  
DATE: 6/3/2016

**CANDELA VALUES**

ANGLE	75.0	80.0	85.0	90.0	112.5	135.0	157.5	180.0
0.0	642	642	642	642	642	642	642	642
2.5	646	646	642	639	624	617	613	613
5.0	649	646	641	635	611	597	589	588
7.5	650	646	638	629	597	578	569	566
10.0	650	642	633	622	580	560	549	548
12.5	647	637	625	612	563	540	533	533
15.0	642	630	615	600	547	523	520	521
17.5	636	621	604	587	528	508	509	511
20.0	627	610	591	571	508	493	499	503
22.5	615	597	575	553	489	477	489	498
25.0	602	580	558	534	469	464	482	493
27.5	588	563	539	514	448	452	476	488
30.0	571	545	519	493	429	438	469	482
32.5	552	524	497	470	409	426	461	475
35.0	532	502	474	448	390	414	452	465
37.5	511	480	451	423	371	403	442	454
40.0	487	455	425	400	352	387	427	437
42.5	461	430	400	377	332	374	411	421
45.0	435	404	375	353	314	359	395	403
47.5	408	377	349	328	296	342	375	382
50.0	380	352	326	305	277	324	355	359
52.5	353	324	301	283	259	306	334	336
55.0	323	298	276	259	240	285	310	310
57.5	295	271	251	235	222	265	288	283
60.0	267	244	227	215	202	243	261	258
62.5	238	218	204	192	183	221	234	230
65.0	210	192	180	173	164	199	208	203
67.5	182	168	158	151	145	176	182	177
70.0	156	144	137	130	126	153	156	152
72.5	130	122	115	110	107	129	131	127
75.0	106	100	94	91	89	106	109	104
77.5	82	78	74	73	72	86	85	82
80.0	61	58	55	54	54	65	64	63
82.5	42	40	39	38	39	46	46	46
85.0	26	25	24	25	25	28	29	28
87.5	12	12	12	12	12	12	13	12
90.0	0	0	0	0	0	0	0	0