

**LUMINAIRE:** CWW2-50VWG-1WR-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 24" led with frosted acylic prisms lens  
 Scaled from Test#16.00843  
**BALLAST:** XI040C110V054BPT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 1488  
**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 #16235  
 DATE: 6/3/2016  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 98**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.42**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

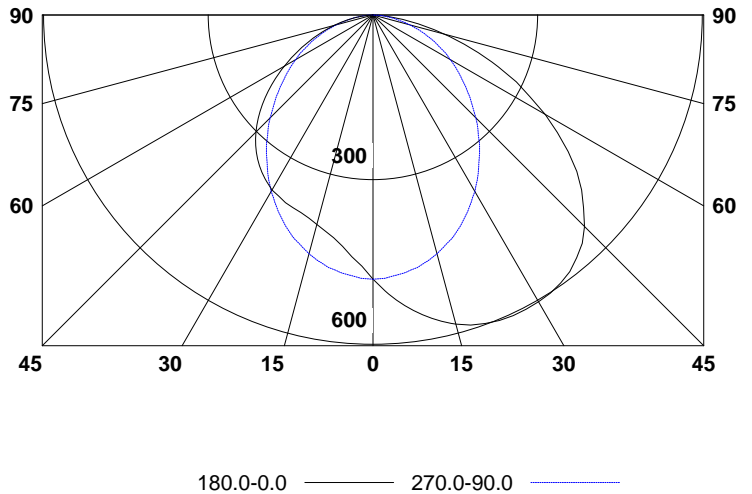
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	386	26.0	26.0
0-40	646	43.4	43.4
0-60	1174	78.9	78.9
0-90	1488	100.0	100.0
0-180	1488	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	481	481	481	481	481
7.5	541	536	512	483	425
15.0	583	573	528	472	395
22.5	602	588	528	447	380
30.0	603	585	513	409	368
37.5	589	566	481	360	342
45.0	545	525	433	304	301
52.5	468	452	370	244	247
60.0	362	357	293	186	188
67.5	247	248	206	129	127
75.0	135	142	122	77	73
82.5	43	51	49	33	28
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	10786	10786	10786	10786	10786	10786
30	15614	15252	14086	11989	9607	9529
40	16891	16393	14725	11914	8811	9660
45	17284	16745	15001	11734	8404	9546
50	17304	16885	15141	11478	7989	9315
55	16968	16655	15013	11064	7624	8914
60	16236	16056	14666	10540	7311	8432
65	15282	15176	14061	9976	6951	7694
70	13638	13900	12917	9245	6557	7147
75	11697	12217	11870	8404	5978	6325
80	9298	9944	10202	7232	5295	5295
85	6175	6947	7976	6433	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:** CWW2-50VWG-1WR-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 24" led with frosted acylic prisms lens  
Scaled from Test#16.00843

TEST #16235  
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	481	481	481	481	481	481	481	481	481	481	481	481	481	481	481	481	481
2.5	503	505	505	505	503	503	502	501	500	498	497	495	493	490	488	486	485
5.0	523	524	524	523	522	521	520	519	515	513	510	507	502	499	494	492	489
7.5	541	541	540	540	538	537	536	534	529	526	522	518	512	507	500	496	494
10.0	557	557	557	556	553	552	550	547	541	537	532	525	519	511	503	499	495
12.5	571	571	570	569	566	564	562	558	552	546	539	533	524	515	506	500	496
15.0	583	583	582	579	577	574	573	567	562	554	546	537	528	518	506	500	494
17.5	592	592	591	588	585	583	580	575	567	560	550	540	529	518	505	498	492
20.0	598	598	597	595	591	588	586	579	572	563	553	543	531	516	501	494	486
22.5	602	601	600	598	594	591	588	583	574	564	554	541	528	513	497	488	480
25.0	<b>604*</b>	602	601	599	594	591	588	582	574	563	552	539	525	509	490	482	472
27.5	604	603	602	599	594	590	587	579	571	561	549	535	520	502	483	473	463
30.0	603	602	601	597	592	589	585	577	567	557	544	529	513	495	474	463	452
32.5	601	599	597	594	588	584	580	572	561	549	535	520	505	484	463	451	439
35.0	596	595	592	587	583	578	574	565	553	541	526	510	494	473	451	439	426
37.5	589	587	585	580	574	571	566	557	546	532	516	500	481	460	436	424	411
40.0	577	576	574	570	563	560	556	546	534	520	503	486	465	444	420	407	394
42.5	564	563	561	557	550	547	543	533	521	506	490	471	450	427	404	391	378
45.0	545	544	541	538	533	528	525	515	505	490	473	454	433	409	383	370	357
47.5	520	521	519	514	511	508	505	497	486	472	455	434	412	388	362	349	336
50.0	496	494	493	490	486	484	480	472	463	450	434	414	393	368	343	329	316
52.5	468	465	465	463	459	456	452	446	437	425	411	392	370	346	321	307	294
55.0	434	433	433	431	427	426	423	417	409	398	384	366	346	321	297	283	271
57.5	398	398	398	397	396	394	392	387	379	370	357	340	319	297	272	260	247
60.0	362	361	362	361	360	358	357	353	347	339	327	311	293	271	248	235	225
62.5	322	324	324	323	323	322	322	319	315	307	296	281	264	243	221	212	201
65.0	288	286	286	286	286	286	286	283	280	273	265	252	234	216	196	188	178
67.5	247	246	247	247	250	248	248	246	243	238	230	220	206	190	174	164	155
70.0	208	208	210	210	212	212	212	212	209	205	197	189	178	163	148	141	132
72.5	170	170	171	174	176	176	176	177	175	173	166	160	149	137	124	117	112
75.0	135	136	136	138	140	141	142	143	141	141	137	129	122	112	101	97	91
77.5	101	101	103	105	106	109	107	110	110	109	107	102	95	88	80	76	72
80.0	72	71	73	74	76	77	78	79	80	80	79	76	72	65	60	56	53
82.5	43	46	46	47	49	50	51	53	54	55	54	52	49	46	41	39	38
85.0	24	24	24	25	26	27	27	28	29	30	31	31	30	28	26	25	23
87.5	10	10	10	10	11	10	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

**LUMINAIRE:** CWW2-50VWG-1WR-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 24" led with frosted acrylic prisms lens  
Scaled from Test#16.00843

TEST #16235  
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	481	481	481	481	481	481	481	481
2.5	483	482	482	480	468	462	459	458
5.0	485	483	481	476	458	447	442	442
7.5	487	483	478	472	447	434	426	425
10.0	487	481	474	467	435	420	413	412
12.5	485	476	469	459	423	408	403	403
15.0	482	472	461	450	410	395	394	395
17.5	477	465	452	439	397	384	386	388
20.0	471	457	444	429	383	373	380	383
22.5	462	447	431	416	368	363	374	380
25.0	454	435	418	401	354	354	369	377
27.5	442	423	405	386	339	344	363	372
30.0	430	409	388	371	324	335	359	368
32.5	416	394	373	354	309	326	352	360
35.0	401	378	356	336	295	317	344	352
37.5	385	360	340	319	281	307	335	342
40.0	367	343	320	301	267	296	323	330
42.5	349	323	303	283	253	285	311	317
45.0	330	304	283	265	238	272	296	301
47.5	309	285	264	246	224	259	281	284
50.0	290	265	245	229	210	244	266	267
52.5	269	244	227	212	196	229	246	247
55.0	245	225	208	195	182	214	229	228
57.5	224	206	191	179	168	197	210	207
60.0	203	186	174	163	153	181	191	188
62.5	182	167	155	148	139	164	170	166
65.0	162	149	138	131	124	146	150	145
67.5	141	129	122	115	110	129	131	127
70.0	122	112	105	100	94	112	112	109
72.5	101	94	88	85	80	93	93	90
75.0	82	77	73	69	66	77	76	73
77.5	65	60	58	54	52	61	58	58
80.0	49	46	43	41	39	44	43	41
82.5	35	33	30	29	28	30	29	28
85.0	22	21	20	18	17	17	16	16
87.5	10	10	10	10	8	5	4	4
90.0	0	0	0	0	0	0	0	0