

LUMINAIRE: CWW2-50VWG-1WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 24" led with frosted acrylic prisms lens
 Scaled from Test#16.00842
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1547
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 #16213

DATE: 4/7/2016

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 102

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.33
BASED ON 3000 HRS. AND \$.08 PER KWH

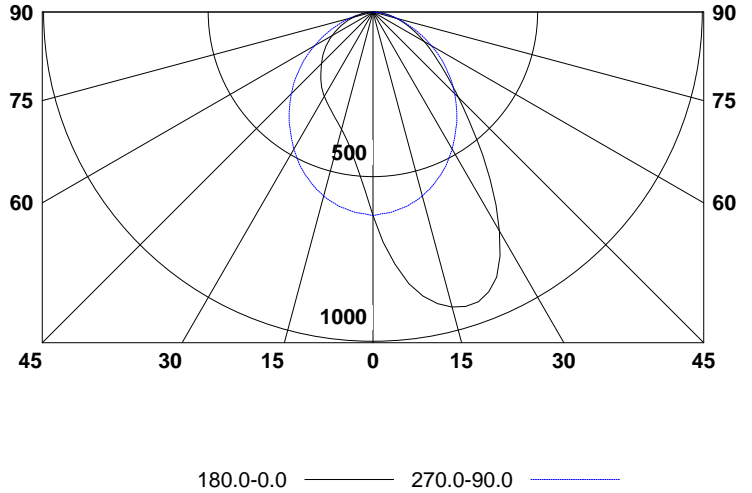
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	508	32.8	32.8
0-40	815	52.7	52.7
0-60	1307	84.5	84.5
0-90	1547	100.0	100.0
0-180	1547	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	618	618	618	618	618
7.5	832	815	740	643	447
15.0	927	914	829	653	369
22.5	919	921	869	647	327
30.0	767	807	854	620	296
37.5	547	590	755	572	260
45.0	368	396	572	498	221
52.5	256	269	381	396	184
60.0	180	186	240	276	143
67.5	122	124	145	168	101
75.0	73	75	80	88	63
82.5	31	34	33	31	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	13859	13859	13859	13859	13859	13859
30	19861	20689	22191	20275	12455	7665
40	13905	14871	18472	20755	11592	7201
45	11671	12368	15635	19853	11100	7009
50	9978	10501	12943	18071	10606	6873
55	8836	9110	10869	15639	10009	6646
60	8073	8252	9329	13276	9194	6414
65	7376	7535	8172	11037	8331	6102
70	6819	6950	7278	9310	7409	5770
75	6325	6498	6585	7711	6498	5459
80	5941	6070	6070	6328	5295	4907
85	5146	5403	5661	5403	4374	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: _____

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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	618	618	618	618	618	618	618	618	618	618	618	618	618	618	618	618	618
2.5	699	698	698	698	695	694	692	688	685	679	675	668	662	655	648	643	639
5.0	769	769	768	766	763	761	757	751	743	735	725	713	702	690	676	668	661
7.5	832	831	830	827	822	818	815	807	796	784	773	756	740	722	702	692	681
10.0	876	876	873	872	866	864	860	851	842	828	813	795	775	752	726	713	700
12.5	907	907	906	903	898	896	893	884	873	861	845	826	805	779	750	732	717
15.0	927	927	926	923	919	917	914	906	896	885	870	851	829	801	768	750	731
17.5	937*	936	936	934	931	929	927	920	911	901	888	870	848	819	784	764	743
20.0	936	935	935	933	932	931	929	924	919	910	898	882	861	832	796	775	752
22.5	919	919	919	920	920	921	921	920	917	910	901	888	869	842	805	783	760
25.0	888	886	886	890	894	896	898	901	903	902	896	886	871	846	809	787	762
27.5	835	838	841	843	853	856	858	870	876	881	882	877	866	844	809	787	761
30.0	767	771	774	783	791	799	807	819	835	847	857	859	854	838	805	783	757
32.5	695	699	704	709	725	731	738	761	778	800	816	827	832	821	795	775	749
35.0	620	623	628	637	650	658	667	690	711	740	764	787	800	797	778	760	735
37.5	547	546	551	560	576	583	590	617	639	672	702	731	755	765	754	739	716
40.0	475	477	482	489	501	508	518	540	567	596	631	669	700	722	719	709	689
42.5	418	419	423	430	439	445	454	473	496	525	562	602	638	667	678	671	655
45.0	368	369	372	377	385	390	396	412	432	459	493	533	572	608	627	626	615
47.5	322	326	327	331	336	342	346	358	377	397	427	461	502	543	567	574	570
50.0	286	288	290	293	298	301	305	316	329	346	371	404	438	478	510	518	514
52.5	256	257	258	260	264	266	269	278	288	302	322	349	381	418	450	460	460
55.0	226	227	228	229	232	233	235	242	250	261	278	301	327	361	391	400	405
57.5	202	202	203	205	206	207	209	213	219	228	239	258	282	310	336	345	353
60.0	180	180	181	182	183	184	186	189	192	197	208	222	240	265	289	296	299
62.5	158	158	160	161	162	162	163	165	167	171	179	189	203	224	243	250	254
65.0	139	139	139	140	142	142	142	144	146	149	154	161	173	189	205	208	213
67.5	122	122	123	123	124	124	124	126	126	129	131	138	145	156	169	175	176
70.0	104	105	105	105	106	106	106	107	107	110	111	115	122	129	139	142	143
72.5	88	88	88	89	89	90	90	90	91	92	92	95	99	105	111	113	116
75.0	73	74	74	74	74	75	75	75	76	76	76	78	80	84	88	89	91
77.5	60	60	60	60	60	60	61	61	61	61	61	62	62	64	67	68	68
80.0	46	46	46	46	47	47	47	47	47	47	47	47	47	48	49	49	49
82.5	31	31	31	33	33	33	34	34	34	34	34	33	33	34	33	34	34
85.0	20	20	20	20	21	21	22	22	22	23	22	22	22	21	21	21	21
87.5	9	9	9	9	9	9	10	9	10	10	10	10	10	10	9	9	10
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	618	618	618	618	618	618	618	618
2.5	631	627	622	613	579	559	546	543
5.0	648	636	625	611	553	516	495	488
7.5	661	643	626	604	526	478	452	447
10.0	674	649	625	598	500	447	420	413
12.5	684	652	622	589	475	419	394	387
15.0	691	653	616	578	450	394	373	369
17.5	698	654	610	566	429	375	356	353
20.0	702	651	601	551	407	357	343	340
22.5	703	647	590	536	386	342	329	327
25.0	703	640	577	519	367	327	318	316
27.5	700	630	562	500	348	314	307	305
30.0	693	620	547	481	331	301	296	296
32.5	682	605	528	459	314	288	285	285
35.0	668	591	510	438	298	276	275	273
37.5	652	572	489	418	281	264	264	260
40.0	628	550	467	396	266	251	247	246
42.5	601	526	445	373	250	238	234	233
45.0	569	498	420	350	233	225	222	221
47.5	529	465	392	328	218	209	209	209
50.0	487	432	366	304	203	196	196	197
52.5	441	396	335	280	189	183	184	184
55.0	391	355	305	256	174	169	170	170
57.5	344	314	273	231	158	156	157	158
60.0	296	276	242	205	144	143	144	143
62.5	252	233	209	181	129	128	130	129
65.0	212	199	180	157	115	115	116	115
67.5	176	168	152	135	102	102	102	101
70.0	143	139	126	113	88	89	88	88
72.5	115	111	103	93	74	75	75	75
75.0	90	88	82	75	61	62	62	63
77.5	68	67	63	56	49	50	50	50
80.0	49	48	46	41	37	38	39	38
82.5	34	31	30	28	26	26	28	27
85.0	20	20	18	17	16	16	15	16
87.5	9	9	8	8	7	5	3	3
90.0	0	0	0	0	0	0	0	0