

LUMINAIRE: CWW2-40LWG-1WR-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 24" led with frosted acrylic prisms lens
 Scaled from Test#16.00839
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2583
WATTS: 26.90
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 #16240
 DATE: 6/3/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 96

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

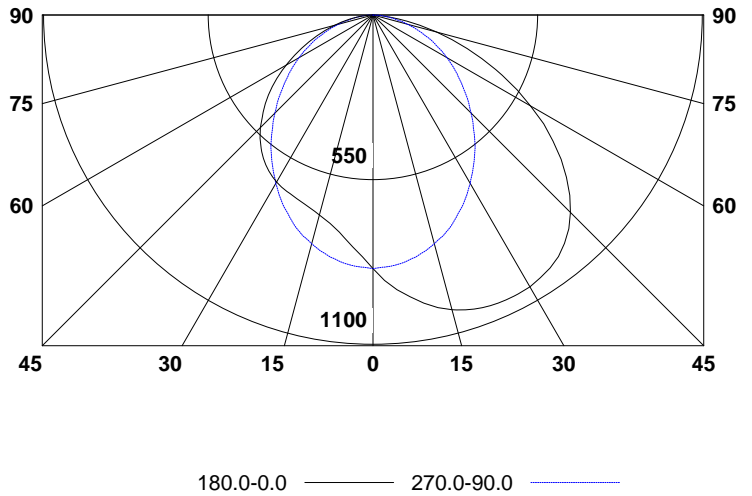
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	676	26.2	26.2
0-40	1128	43.7	43.7
0-60	2044	79.1	79.1
0-90	2583	100.0	100.0
0-180	2583	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	847	847	847	847	847
7.5	949	942	899	849	748
15.0	1019	1002	924	829	691
22.5	1047	1024	924	784	664
30.0	1048	1015	893	718	643
37.5	1017	980	834	633	601
45.0	932	903	748	533	532
52.5	792	772	639	429	441
60.0	607	605	501	326	336
67.5	409	415	352	225	229
75.0	220	231	204	132	133
82.5	68	78	79	55	55
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	18994	18994	18994	18994	18994	18994
30	27137	26464	24444	20948	16831	16650
40	29127	28249	25497	20696	15427	17008
45	29557	28796	25910	20392	14683	16872
50	29410	28747	26026	19851	13990	16502
55	28697	28267	25726	19118	13410	15873
60	27224	27044	25026	18254	12782	15070
65	25257	25417	23719	17139	12098	13955
70	22489	23014	21834	15801	11277	12785
75	19062	19841	19668	14210	10484	11524
80	14206	15497	16401	12139	9169	10202
85	8748	9778	12608	10035	8234	8748

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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TEST #16240
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	847	847	847	847	847	847	847	847	847	847	847	847	847	847	847	847	847
2.5	887	887	887	887	887	886	885	883	880	877	873	870	867	863	858	856	853
5.0	921	920	920	920	918	915	914	911	906	902	897	891	884	878	870	866	862
7.5	949	950	950	948	945	943	942	935	930	923	915	908	899	889	879	873	868
10.0	977	976	976	973	971	968	965	959	950	942	932	922	910	898	884	878	870
12.5	1001	1000	998	996	992	989	985	977	969	957	946	933	919	904	887	879	870
15.0	1019	1018	1017	1014	1009	1005	1002	992	982	969	955	941	924	906	887	877	866
17.5	1032	1032	1031	1028	1022	1017	1013	1004	992	978	963	946	927	906	884	872	861
20.0	1042	1042	1039	1035	1030	1026	1022	1011	998	984	967	948	927	904	880	866	853
22.5	1047	1047	1044	1039	1033	1029	1024	1013	1000	984	966	947	924	898	870	856	842
25.0	1050*	1049	1046	1042	1034	1029	1024	1012	998	982	963	942	918	889	860	844	827
27.5	1050	1049	1046	1040	1032	1027	1022	1009	993	975	955	933	907	878	846	828	811
30.0	1048	1046	1042	1036	1028	1022	1015	1002	986	966	944	921	893	863	828	809	791
32.5	1040	1039	1035	1028	1018	1012	1006	991	974	953	930	905	877	844	808	788	769
35.0	1031	1029	1024	1017	1007	1001	994	978	960	939	913	887	857	823	785	765	744
37.5	1017	1014	1010	1003	992	986	980	963	944	921	894	866	834	798	760	739	718
40.0	995	994	990	982	971	965	960	943	922	898	871	841	808	771	732	707	687
42.5	968	967	964	956	946	941	935	918	898	873	845	815	783	741	699	677	654
45.0	932	932	930	922	913	908	903	887	869	845	817	785	748	708	667	643	620
47.5	891	890	886	881	874	870	864	851	834	812	783	750	715	673	629	606	584
50.0	843	844	842	836	828	824	822	807	792	772	746	715	677	636	592	569	545
52.5	792	794	794	786	780	776	772	761	748	728	703	673	639	597	553	531	508
55.0	734	736	736	730	726	723	722	709	697	679	658	627	594	554	511	489	468
57.5	676	672	673	668	671	668	665	659	645	630	607	579	548	510	470	449	429
60.0	607	610	611	607	604	603	605	597	590	575	558	531	501	466	426	407	389
62.5	543	543	542	545	543	542	542	537	531	519	502	480	449	417	384	365	349
65.0	476	476	477	480	479	479	479	476	471	461	447	428	399	371	339	323	309
67.5	409	412	415	414	414	414	415	413	410	401	389	373	352	325	295	282	268
70.0	343	346	349	350	350	351	352	352	350	344	333	320	302	279	252	241	228
72.5	281	279	283	284	290	291	291	294	292	288	280	266	251	230	210	201	191
75.0	220	218	221	222	225	229	231	235	234	232	227	215	204	187	170	164	156
77.5	160	162	165	167	169	171	177	179	178	178	177	169	160	146	132	127	122
80.0	110	111	115	116	119	120	123	125	128	129	127	124	119	108	99	94	89
82.5	68	68	69	74	76	77	78	82	85	87	85	84	79	75	69	65	63
85.0	34	35	36	36	37	38	41	43	44	46	49	48	47	44	41	39	39
87.5	13	13	14	13	15	15	14	15	15	16	17	18	19	18	18	18	17
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	847	847	847	847	847	847	847	847
2.5	850	848	847	843	822	813	808	808
5.0	854	850	845	839	804	788	778	777
7.5	858	849	841	831	786	764	750	748
10.0	857	846	833	821	766	739	726	723
12.5	853	839	824	807	743	716	705	705
15.0	847	829	811	791	721	693	688	691
17.5	838	817	796	774	696	673	675	680
20.0	826	803	778	754	671	654	664	671
22.5	811	784	757	729	645	636	653	664
25.0	795	765	734	705	618	618	644	657
27.5	775	742	708	678	594	601	636	652
30.0	753	718	682	650	566	585	626	643
32.5	727	689	652	619	541	569	615	633
35.0	701	661	623	590	516	552	602	619
37.5	673	633	594	560	492	535	588	601
40.0	641	598	560	527	468	516	568	581
42.5	611	568	529	495	441	498	548	558
45.0	574	533	495	463	417	477	523	532
47.5	539	498	461	433	392	454	495	501
50.0	503	463	429	401	369	430	468	473
52.5	467	429	396	372	344	405	438	441
55.0	430	393	365	343	321	377	407	406
57.5	391	358	333	314	294	350	373	370
60.0	355	326	303	285	270	321	342	336
62.5	316	291	271	258	243	290	306	297
65.0	280	259	241	228	217	261	270	263
67.5	246	225	210	201	192	229	235	229
70.0	209	192	182	172	167	198	201	195
72.5	174	162	153	146	141	168	167	163
75.0	143	132	126	121	117	138	137	133
77.5	112	104	99	95	94	109	107	105
80.0	84	77	75	71	70	82	80	79
82.5	58	55	53	52	49	57	56	55
85.0	36	34	34	32	32	34	33	34
87.5	17	16	16	16	15	15	13	12
90.0	0	0	0	0	0	0	0	0