

LUMINAIRE: CWW2-50LWG-1WR-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 24" led with frosted acylic prisms lens
 Scaled from Test#16.00839
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2667
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 #16241
 DATE: 6/3/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 99

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

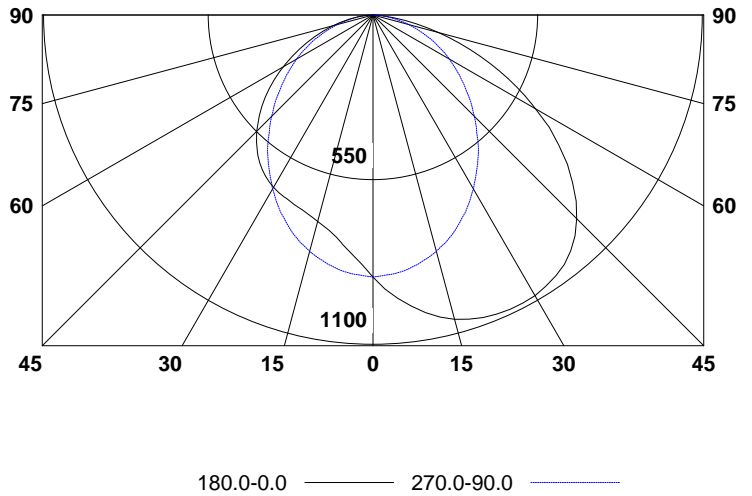
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	698	26.2	26.2
0-40	1165	43.7	43.7
0-60	2110	79.1	79.1
0-90	2667	100.0	100.0
0-180	2667	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	875	875	875	875	875
7.5	980	972	928	877	773
15.0	1052	1034	954	856	713
22.5	1081	1057	954	809	686
30.0	1082	1048	922	741	664
37.5	1050	1011	861	653	621
45.0	962	932	773	550	549
52.5	818	797	660	443	456
60.0	627	625	518	336	347
67.5	422	429	363	232	237
75.0	227	239	210	137	138
82.5	71	80	81	56	56
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	19622	19622	19622	19622	19622	19622
30	28017	27318	25221	21621	17375	17194
40	30064	29156	26317	21370	15925	17564
45	30508	29716	26735	21058	15159	17411
50	30352	29689	26863	20479	14443	17025
55	29596	29166	26547	19744	13840	16381
60	28121	27941	25833	18837	13186	15563
65	26106	26266	24462	17670	12470	14380
70	23210	23735	22555	16260	11671	13244
75	19668	20535	20275	14643	10830	11957
80	14722	16014	16918	12527	9556	10460
85	9006	10035	13123	10292	8491	9006

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 #16241
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	875	875	875	875	875	875	875	875	875	875	875	875	875	875	875	875	875
2.5	916	916	916	916	916	915	914	911	908	905	902	898	895	891	885	883	881
5.0	950	949	949	949	947	945	944	941	935	931	926	920	912	906	898	894	890
7.5	980	981	981	979	975	973	972	966	960	953	945	937	928	918	907	902	896
10.0	1009	1008	1008	1005	1003	999	996	990	981	972	962	952	940	927	912	906	898
12.5	1033	1032	1031	1029	1024	1021	1017	1009	1000	988	977	963	948	933	916	907	898
15.0	1052	1051	1050	1047	1042	1037	1034	1024	1013	1000	986	971	954	935	916	905	894
17.5	1065	1065	1064	1061	1055	1050	1046	1036	1024	1010	994	977	957	935	912	901	889
20.0	1075	1075	1073	1069	1063	1059	1055	1044	1031	1016	998	979	957	933	908	894	881
22.5	1081	1081	1077	1073	1067	1062	1057	1046	1032	1016	997	978	954	927	898	883	869
25.0	1084*	1083	1080	1075	1068	1062	1057	1045	1031	1013	994	972	947	918	888	871	854
27.5	1084	1083	1080	1074	1065	1060	1055	1042	1025	1007	986	963	936	906	873	855	838
30.0	1082	1080	1075	1070	1061	1055	1048	1034	1018	997	974	950	922	891	855	835	817
32.5	1074	1073	1069	1061	1051	1045	1038	1023	1006	984	960	934	905	871	834	814	794
35.0	1064	1062	1057	1050	1039	1033	1026	1010	991	969	943	916	884	850	811	790	768
37.5	1050	1047	1043	1035	1024	1018	1011	994	974	950	923	894	861	824	784	763	741
40.0	1027	1026	1022	1013	1003	996	991	973	952	927	899	868	834	796	755	730	710
42.5	999	998	995	987	977	971	966	947	927	902	872	841	808	765	722	699	675
45.0	962	962	960	952	943	937	932	916	897	872	843	811	773	731	689	664	640
47.5	920	919	915	909	903	898	892	879	861	839	808	775	738	694	649	626	603
50.0	870	871	869	863	855	851	848	833	818	797	770	738	699	656	611	587	563
52.5	818	819	819	812	805	801	797	786	773	752	726	694	660	616	571	548	524
55.0	757	760	760	754	750	746	745	732	719	701	679	648	613	572	527	505	483
57.5	698	693	694	690	692	690	687	680	666	650	627	598	565	526	485	463	443
60.0	627	629	630	627	624	623	625	616	609	594	576	548	518	481	439	420	401
62.5	561	561	560	563	561	560	560	554	548	536	519	496	463	431	396	377	360
65.0	492	492	493	496	495	495	495	492	486	476	461	442	412	383	350	333	319
67.5	422	425	429	427	427	427	429	426	423	414	401	385	363	335	305	291	277
70.0	354	357	360	361	361	362	363	363	361	355	344	330	311	288	260	248	235
72.5	290	288	292	293	299	301	301	304	302	297	289	275	259	238	217	207	197
75.0	227	225	228	229	232	237	239	243	242	240	234	222	210	193	176	169	161
77.5	165	167	170	173	175	177	182	184	183	183	182	175	165	151	137	131	126
80.0	114	115	118	119	123	124	127	129	132	133	131	128	123	112	102	97	92
82.5	71	71	72	76	78	79	80	85	88	90	88	87	81	77	72	67	65
85.0	35	36	37	37	38	39	42	44	46	48	51	50	49	46	42	40	40
87.5	13	13	14	13	15	15	14	15	15	16	17	18	20	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	875	875	875	875	875	875	875	875
2.5	878	876	875	870	848	840	834	834
5.0	882	878	872	866	830	814	803	802
7.5	885	877	868	858	812	789	775	773
10.0	884	873	860	847	791	763	750	746
12.5	881	866	851	833	767	739	728	728
15.0	875	856	838	817	744	715	711	713
17.5	865	843	821	799	718	694	697	702
20.0	853	829	803	778	692	675	686	692
22.5	838	809	781	753	666	656	674	686
25.0	820	790	757	728	638	638	665	678
27.5	800	766	731	700	613	621	656	673
30.0	777	741	704	671	585	604	647	664
32.5	751	712	673	639	559	587	635	653
35.0	724	682	643	609	533	570	622	639
37.5	694	653	613	578	508	552	607	621
40.0	662	617	578	544	483	533	586	600
42.5	630	586	546	511	456	514	565	576
45.0	592	550	511	478	431	493	540	549
47.5	557	514	476	447	405	469	511	518
50.0	520	478	443	414	381	444	483	488
52.5	482	443	409	384	355	418	452	456
55.0	444	406	377	354	331	390	420	419
57.5	404	370	344	324	304	361	385	382
60.0	367	336	312	294	279	331	353	347
62.5	327	301	280	266	251	299	316	307
65.0	289	267	248	235	224	269	279	271
67.5	254	232	217	207	199	237	243	237
70.0	216	199	188	178	173	204	207	202
72.5	180	167	158	151	145	174	173	168
75.0	148	137	130	125	120	142	141	138
77.5	116	107	102	98	97	113	111	109
80.0	87	79	77	74	73	85	82	81
82.5	60	56	54	53	51	59	58	56
85.0	37	35	35	33	33	35	34	35
87.5	17	16	16	16	15	15	13	12
90.0	0	0	0	0	0	0	0	0