

LUMINAIRE: CWW4-50XWG-1WR-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acrylic prisms lens
 Scaled from Test#16.00847
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2773
WATTS: 24.70
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = N/A 90° = N/A
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 3.92
 HEIGHT: 0.00

TEST #16244
 DATE: 6/3/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 112

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.16
BASED ON 3000 HRS. AND \$.08 PER KWH

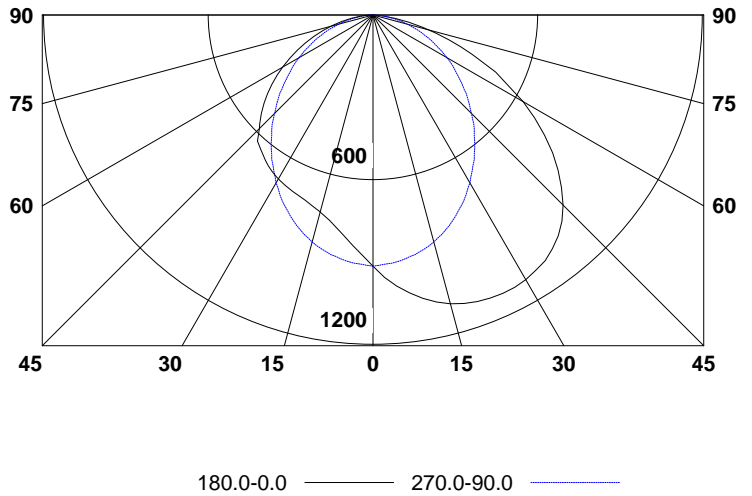
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	725	26.1	26.1
0-40	1209	43.6	43.6
0-60	2192	79.0	79.0
0-90	2773	100.0	100.0
0-180	2773	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	915	915	915	915	915
7.5	1021	1006	969	912	811
15.0	1089	1063	994	892	744
22.5	1116	1083	988	844	711
30.0	1113	1072	955	775	689
37.5	1073	1031	891	684	652
45.0	979	945	801	576	585
52.5	825	804	681	462	490
60.0	631	627	537	350	382
67.5	412	436	372	242	265
75.0	213	229	217	141	161
82.5	60	72	81	58	71
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	10050	10050	10050	10050	10050	10050
30	14116	13697	12746	11059	8954	8738
40	15055	14582	13320	10983	8230	9133
45	15207	14788	13560	10889	7875	9087
50	15037	14712	13550	10526	7553	8954
55	14611	14381	13347	10187	7143	8713
60	13861	13817	12895	9797	6832	8391
65	12813	12787	12137	9096	6419	7849
70	10951	11497	11176	8382	6037	7290
75	9039	9633	9930	7384	5474	6832
80	6389	7337	8160	6452	4934	6199
85	3781	4411	5923	5167	4411	5923

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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Scaled from Test#16.00847

TEST #16244
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	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915	915
2.5	957	958	958	957	953	950	948	946	947	945	942	941	937	933	928	924	922
5.0	991	992	992	990	985	982	979	975	974	970	965	960	955	948	940	935	931
7.5	1021	1022	1022	1019	1012	1009	1006	999	997	992	983	977	969	959	948	942	936
10.0	1048	1049	1047	1044	1036	1033	1029	1022	1018	1010	1000	991	980	968	954	946	939
12.5	1071	1071	1070	1064	1057	1051	1047	1039	1035	1024	1012	1000	987	973	956	946	937
15.0	1089	1088	1087	1082	1073	1069	1063	1054	1048	1037	1022	1009	994	975	956	945	935
17.5	1102	1101	1100	1094	1086	1080	1074	1063	1057	1046	1029	1012	995	974	953	940	929
20.0	1111	1110	1107	1100	1092	1086	1080	1069	1062	1049	1031	1013	994	971	946	932	919
22.5	1116	1114	1112	1105	1096	1089	1083	1070	1062	1049	1030	1010	988	965	937	921	907
25.0	1119*	1116	1113	1106	1096	1089	1083	1069	1059	1046	1024	1004	981	955	926	909	892
27.5	1118	1115	1112	1103	1094	1086	1078	1063	1052	1039	1017	994	969	942	910	893	875
30.0	1113	1110	1107	1098	1087	1080	1072	1056	1043	1030	1005	981	955	926	892	872	854
32.5	1103	1102	1098	1088	1076	1070	1062	1045	1030	1018	992	965	936	905	870	851	831
35.0	1093	1089	1084	1075	1063	1057	1048	1031	1014	1000	974	946	916	881	846	826	805
37.5	1073	1072	1067	1059	1046	1039	1031	1013	994	980	953	923	891	856	821	803	781
40.0	1050	1048	1042	1034	1023	1017	1008	991	972	955	929	898	867	832	789	766	743
42.5	1019	1017	1010	1004	994	987	980	962	945	927	903	872	840	794	754	731	709
45.0	979	978	971	966	956	952	945	929	914	893	873	840	801	760	722	701	678
47.5	931	930	928	920	914	907	904	890	873	855	835	801	766	730	681	656	634
50.0	880	880	873	870	864	861	856	844	831	815	793	764	727	682	639	616	597
52.5	825	825	819	816	811	809	804	794	784	765	748	720	681	643	601	576	553
55.0	763	762	758	757	753	751	748	738	728	713	697	671	637	596	553	532	512
57.5	698	698	694	693	693	691	687	682	673	658	641	622	587	550	509	486	465
60.0	631	629	628	629	628	629	627	622	613	602	587	566	537	500	465	446	426
62.5	554	556	559	561	561	560	559	556	550	541	525	508	482	451	414	397	381
65.0	493	498	494	499	493	492	493	490	487	481	467	450	427	399	368	350	335
67.5	412	413	420	424	431	434	436	433	423	418	408	393	372	348	321	306	291
70.0	341	342	347	352	355	358	360	363	367	361	348	335	318	297	275	261	246
72.5	275	277	277	281	288	289	291	297	298	297	294	281	266	246	225	214	205
75.0	213	214	213	218	221	227	229	233	239	238	234	228	217	197	182	174	167
77.5	151	152	156	162	165	169	171	176	178	183	180	174	165	156	142	136	129
80.0	101	102	105	110	113	116	118	123	126	129	129	126	120	113	106	102	95
82.5	60	61	64	63	67	68	72	76	80	82	85	85	81	78	71	67	65
85.0	30	28	29	31	33	35	35	38	39	44	47	46	47	44	42	41	39
87.5	10	10	10	10	10	11	11	11	12	14	15	15	16	16	17	17	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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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	915	915	915	915	915	915	915	915
2.5	917	912	911	909	890	880	870	876
5.0	922	915	910	905	873	853	839	843
7.5	924	912	906	896	853	826	807	811
10.0	923	909	898	886	830	799	780	783
12.5	919	902	886	872	806	771	755	760
15.0	914	892	875	856	780	746	738	744
17.5	904	879	858	837	754	724	720	730
20.0	890	864	839	815	726	702	706	719
22.5	876	844	818	790	699	681	695	711
25.0	857	824	793	764	669	663	685	704
27.5	835	800	767	736	641	644	676	698
30.0	813	775	739	706	614	628	666	689
32.5	786	744	707	673	585	610	656	679
35.0	758	716	678	643	559	594	643	668
37.5	730	684	643	609	533	576	629	652
40.0	695	648	610	574	506	558	613	637
42.5	662	615	578	544	478	538	596	623
45.0	628	576	537	507	452	516	576	585
47.5	585	539	502	474	426	494	544	554
50.0	552	503	467	442	400	471	514	524
52.5	508	462	430	407	374	447	482	490
55.0	468	425	395	373	347	414	450	455
57.5	425	390	365	344	321	384	418	418
60.0	383	350	327	311	294	353	382	382
62.5	344	315	293	280	268	322	345	340
65.0	304	279	260	247	240	291	309	302
67.5	264	242	227	217	213	258	270	265
70.0	225	209	195	188	184	225	232	227
72.5	188	176	166	158	157	191	199	193
75.0	152	141	135	129	130	160	162	161
77.5	118	112	106	103	104	128	130	127
80.0	88	82	79	78	80	99	100	98
82.5	62	58	56	56	59	71	72	71
85.0	37	36	35	35	37	46	46	47
87.5	17	17	16	17	20	23	23	24
90.0	0	0	0	0	0	0	0	0