

LUMINAIRE: CWW4-40XWG-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: 2686
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 #16243
 DATE: 6/3/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 109

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.24
BASED ON 3000 HRS. AND \$.08 PER KWH

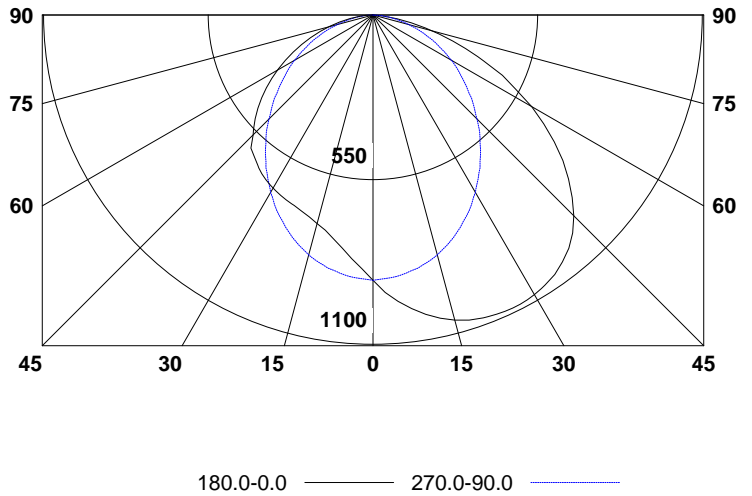
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	702	26.1	26.1
0-40	1171	43.6	43.6
0-60	2123	79.0	79.0
0-90	2686	100.0	100.0
0-180	2686	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	886	886	886	886	886
7.5	989	974	939	884	785
15.0	1055	1030	963	864	721
22.5	1081	1049	957	818	688
30.0	1078	1038	925	750	667
37.5	1039	998	863	662	632
45.0	948	915	776	558	566
52.5	799	779	660	448	475
60.0	612	607	520	339	370
67.5	399	423	360	234	256
75.0	206	222	210	137	156
82.5	58	69	79	56	68
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	9731	9731	9731	9731	9731	9731
30	13672	13266	12340	10717	8675	8459
40	14582	14123	12904	10639	7972	8847
45	14725	14322	13141	10547	7627	8792
50	14559	14251	13123	10201	7313	8680
55	14151	13922	12926	9862	6932	8426
60	13444	13400	12499	9490	6634	8128
65	12397	12371	11747	8810	6237	7589
70	10598	11144	10822	8125	5845	7065
75	8742	9336	9633	7130	5305	6620
80	6199	7084	7907	6262	4807	6009
85	3655	4285	5671	5041	4285	5671

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: CWW4-40XWG-1WR-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acylic prisms lens
Scaled from Test#16.00847

TEST #16243
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	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886	886
2.5	927	928	928	927	923	921	919	916	918	915	912	911	908	904	899	895	893
5.0	960	961	961	959	954	951	948	945	944	940	934	930	925	919	910	906	902
7.5	989	990	990	987	981	977	974	968	966	961	952	946	939	929	919	912	907
10.0	1015	1016	1014	1011	1004	1001	996	990	986	978	969	960	949	937	924	916	909
12.5	1037	1037	1036	1031	1024	1018	1014	1007	1003	992	981	969	956	943	926	916	908
15.0	1055	1054	1053	1048	1039	1035	1030	1021	1015	1005	990	977	963	945	926	915	906
17.5	1068	1067	1066	1059	1052	1046	1040	1030	1024	1013	996	981	964	944	923	910	900
20.0	1076	1075	1072	1066	1057	1052	1046	1035	1029	1016	998	982	963	941	916	903	890
22.5	1081	1079	1077	1070	1062	1055	1049	1036	1029	1016	997	978	957	934	908	892	879
25.0	1084*	1081	1078	1071	1062	1055	1049	1035	1026	1013	992	972	950	925	897	881	864
27.5	1083	1080	1077	1069	1059	1052	1045	1030	1019	1007	985	963	939	912	882	865	847
30.0	1078	1075	1072	1064	1053	1046	1038	1023	1010	997	973	950	925	897	864	845	827
32.5	1069	1068	1064	1054	1043	1036	1029	1012	997	986	961	934	907	877	843	824	805
35.0	1058	1055	1050	1042	1030	1024	1015	998	983	969	944	916	887	853	820	800	780
37.5	1039	1038	1033	1026	1013	1007	998	982	963	949	923	894	863	829	796	778	757
40.0	1017	1015	1009	1002	991	985	976	960	942	925	900	870	840	806	764	742	720
42.5	987	985	978	972	963	956	949	932	915	898	874	845	813	769	730	708	686
45.0	948	947	941	935	926	922	915	900	885	865	846	813	776	736	699	679	657
47.5	902	901	899	891	885	879	875	862	846	828	809	776	742	707	660	636	614
50.0	852	852	846	843	837	834	829	818	805	789	768	740	704	661	619	597	578
52.5	799	799	794	790	785	784	779	769	760	741	724	698	660	623	582	558	536
55.0	739	738	735	734	729	727	724	715	705	691	675	650	617	577	536	515	496
57.5	676	676	673	672	672	669	665	661	652	637	621	602	569	533	493	471	451
60.0	612	610	609	610	609	610	607	602	594	583	569	549	520	485	451	432	413
62.5	537	538	541	543	543	542	541	538	533	524	509	492	467	437	401	385	369
65.0	477	482	478	483	477	476	477	475	472	466	452	436	414	387	356	339	325
67.5	399	400	407	411	417	420	423	419	410	405	395	380	360	337	311	296	282
70.0	330	331	336	341	344	347	349	352	355	350	337	325	308	288	266	253	239
72.5	266	268	268	272	279	280	282	288	289	288	285	272	258	239	218	207	199
75.0	206	207	206	211	214	220	222	226	231	230	227	221	210	191	177	168	162
77.5	146	147	151	157	160	164	166	170	172	178	174	168	160	151	138	131	125
80.0	98	99	102	106	109	112	115	119	122	125	125	122	117	109	103	99	92
82.5	58	59	62	61	65	66	69	74	78	80	82	82	79	76	68	65	63
85.0	29	27	28	30	32	34	34	37	38	43	45	44	45	43	41	40	38
87.5	9	9	9	9	9	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

LUMINAIRE: CWW4-40XWG-1WR-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acylic prisms lens
Scaled from Test#16.00847

TEST #16243
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	886	886	886	886	886	886	886	886
2.5	888	884	883	881	862	852	843	848
5.0	893	886	882	877	846	826	812	817
7.5	895	884	878	868	826	800	782	785
10.0	894	881	870	859	804	774	756	759
12.5	890	873	859	845	781	747	732	736
15.0	885	864	847	829	756	723	715	721
17.5	875	851	831	810	730	701	698	707
20.0	862	837	812	789	703	680	684	697
22.5	848	818	792	765	677	660	674	688
25.0	830	798	768	740	648	642	663	682
27.5	809	775	743	713	621	624	655	676
30.0	787	750	716	684	595	609	645	667
32.5	761	721	685	652	566	591	636	658
35.0	735	694	657	623	541	575	623	647
37.5	707	662	623	590	516	558	610	632
40.0	674	627	591	556	490	540	594	617
42.5	641	596	560	527	463	521	577	603
45.0	609	558	520	491	438	500	558	566
47.5	566	522	487	459	413	478	527	537
50.0	535	488	452	428	388	456	498	508
52.5	492	448	416	394	363	433	467	475
55.0	453	412	383	362	336	401	436	440
57.5	412	377	353	333	311	372	405	405
60.0	371	339	316	302	285	342	370	370
62.5	333	305	284	271	260	312	334	329
65.0	294	270	252	240	232	282	300	292
67.5	255	234	220	210	206	250	262	256
70.0	218	203	189	182	179	218	225	220
72.5	182	170	161	153	152	185	192	187
75.0	147	137	130	125	126	155	157	156
77.5	115	108	103	100	101	124	126	123
80.0	85	80	77	76	78	96	97	95
82.5	60	56	55	55	57	68	69	68
85.0	36	35	34	34	36	44	44	45
87.5	17	17	16	17	19	22	22	23
90.0	0	0	0	0	0	0	0	0