

LUMINAIRE: CWW4-930XWG-1WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acrylic prisms lens
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1841
WATTS: 18.90
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = N/A 90° = N/A
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 3.92
 HEIGHT: 0.00

TEST #16.01027
 DATE: 11/6/2017
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 97

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.47
BASED ON 3000 HRS. AND \$.08 PER KWH

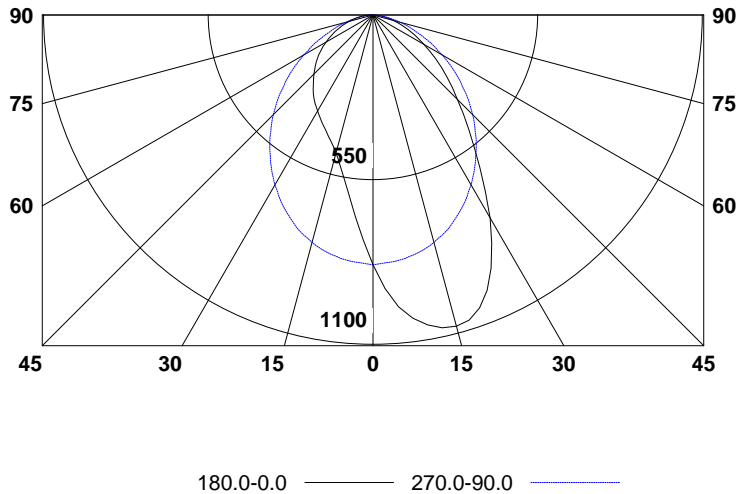
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	621	33.7	33.7
0-40	976	53.0	53.0
0-60	1554	84.4	84.4
0-90	1841	100.0	100.0
0-180	1841	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	834	834	834	834	834
7.5	1021	1001	950	856	608
15.0	1076	1058	1008	861	477
22.5	996	1004	1017	844	414
30.0	782	822	957	804	370
37.5	555	596	804	735	327
45.0	398	420	595	632	279
52.5	289	302	406	491	232
60.0	197	208	267	338	182
67.5	126	133	164	205	130
75.0	70	75	89	106	84
82.5	30	31	35	38	43
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	9160	9160	9160	9160	9160	9160
30	9918	10324	11744	11896	8307	4693
40	7126	7427	9305	11643	7671	4445
45	6182	6431	7953	10935	7316	4334
50	5519	5690	6750	9842	6903	4238
55	4902	5094	5860	8541	6434	4117
60	4328	4525	5162	7359	5887	3998
65	3846	4028	4522	6211	5250	3820
70	3372	3565	4014	5235	4624	3661
75	2971	3140	3480	4371	3947	3565
80	2720	2783	3036	3479	3289	3542
85	2268	2395	2647	2773	2647	3907

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: CWW4-930XWG-1WW-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acylic prisms lens

TEST #16.01027
DATE: 11/6/2017

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	834	834	834	834	834	834	834	834	834	834	834	834	834	834	834	834	834
2.5	914	916	914	911	909	906	903	900	901	895	889	885	879	873	864	860	856
5.0	978	977	974	971	966	962	958	954	953	945	934	928	918	906	892	885	878
7.5	1021	1022	1020	1015	1010	1004	1001	994	994	984	973	962	950	934	916	907	897
10.0	1051	1050	1050	1045	1037	1034	1029	1023	1022	1012	1001	990	974	956	936	923	912
12.5	1070	1069	1067	1062	1056	1052	1048	1042	1043	1033	1021	1009	994	975	952	938	924
15.0	1076*	1075	1074	1069	1064	1060	1058	1053	1055	1046	1036	1023	1008	989	964	948	934
17.5	1068	1067	1066	1063	1059	1058	1055	1053	1057	1052	1043	1031	1017	998	972	957	940
20.0	1041	1042	1040	1040	1039	1039	1039	1039	1048	1047	1041	1033	1021	1003	978	961	944
22.5	996	996	996	999	1002	1005	1004	1012	1025	1032	1029	1026	1017	1002	978	961	943
25.0	933	935	934	940	949	952	958	968	988	1002	1008	1009	1007	997	975	959	940
27.5	859	862	862	870	882	887	895	910	935	958	973	982	987	983	965	951	932
30.0	782	785	786	795	809	814	822	842	873	903	926	945	957	962	951	938	921
32.5	698	701	708	715	727	733	744	764	796	831	866	894	916	930	927	918	903
35.0	622	626	633	642	651	657	668	688	721	757	800	836	866	890	897	892	879
37.5	555	558	558	566	580	586	596	614	645	682	724	762	804	839	857	859	849
40.0	497	495	500	506	513	518	527	548	570	608	649	692	739	782	809	812	810
42.5	446	443	448	453	458	462	470	485	505	539	578	621	669	714	752	763	762
45.0	398	400	403	405	411	414	420	430	449	474	512	551	595	646	689	704	708
47.5	360	360	361	364	369	373	374	385	398	421	447	484	526	576	623	638	649
50.0	323	325	327	328	332	333	337	343	355	370	395	425	464	510	555	576	587
52.5	289	290	293	293	297	299	302	307	316	328	348	374	406	449	487	511	522
55.0	256	257	259	260	265	266	269	273	280	290	306	326	353	390	426	446	458
57.5	224	225	228	230	234	235	238	243	248	256	269	287	309	337	371	387	398
60.0	197	198	199	200	204	206	208	212	217	223	235	249	267	290	318	335	343
62.5	171	171	172	174	177	179	179	184	190	195	202	213	228	250	273	282	294
65.0	148	148	148	150	153	155	155	159	164	168	174	183	195	211	230	239	246
67.5	126	126	126	128	131	132	133	136	140	143	148	154	164	177	191	199	205
70.0	105	106	106	107	110	111	113	114	118	121	125	129	136	146	157	163	168
72.5	86	87	88	89	90	91	92	95	97	100	103	107	112	118	127	131	134
75.0	70	71	72	71	73	74	75	76	78	80	82	85	89	94	99	103	105
77.5	56	56	56	56	58	58	59	60	61	63	64	66	68	71	75	78	79
80.0	43	43	43	43	44	44	45	45	46	47	48	49	50	52	54	55	57
82.5	30	30	30	31	31	32	31	32	32	33	33	34	35	36	37	37	38
85.0	18	18	19	18	19	19	19	19	20	20	21	21	21	22	21	22	22
87.5	6	6	6	6	6	6	7	7	7	7	9	9	9	9	10	10	10
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*MAXIMUM CANDELA VALUE

LUMINAIRE: CWW4-930XWG-1WW-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acrylic prisms lens

TEST #16.01027
DATE: 11/6/2017

CANDELA VALUES

ANGLE	75.0	80.0	85.0	90.0	112.5	135.0	157.5	180.0
0.0	834	834	834	834	834	834	834	834
2.5	847	839	836	829	793	770	751	752
5.0	862	849	839	826	760	714	680	676
7.5	876	856	840	820	726	658	615	608
10.0	886	860	837	811	688	606	562	554
12.5	894	862	833	800	651	562	516	512
15.0	899	861	825	786	616	523	483	477
17.5	901	858	817	770	581	491	456	452
20.0	901	853	804	752	547	463	435	433
22.5	898	844	790	729	515	438	415	414
25.0	892	834	772	707	485	418	400	400
27.5	884	821	752	681	457	399	384	384
30.0	871	804	731	655	432	382	369	370
32.5	854	784	706	626	407	365	355	357
35.0	834	762	681	597	385	350	342	343
37.5	806	735	650	566	363	334	327	327
40.0	774	706	620	535	341	318	311	310
42.5	736	671	586	503	322	302	294	294
45.0	693	632	552	471	301	286	279	279
47.5	638	586	512	437	282	267	262	263
50.0	585	540	474	404	262	251	247	248
52.5	529	491	433	370	242	232	230	232
55.0	467	439	389	336	221	214	215	215
57.5	409	389	347	301	203	197	198	199
60.0	354	338	306	268	183	180	182	182
62.5	299	289	265	234	165	163	164	163
65.0	252	246	224	202	147	146	147	147
67.5	210	205	190	172	129	130	129	130
70.0	172	168	157	144	111	114	113	114
72.5	138	136	128	118	94	97	98	99
75.0	108	106	102	93	78	82	83	84
77.5	81	81	77	72	62	66	69	71
80.0	58	58	55	52	48	52	54	56
82.5	38	38	37	35	35	38	42	43
85.0	23	22	22	21	22	27	30	31
87.5	10	10	10	10	11	15	17	17
90.0	0	0	0	0	0	0	0	0