

**LUMINAIRE:** CWW4-930MWG-1WR-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:** 2550  
**WATTS:** 27.70  
**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 #16.01047  
 DATE: 11/6/2017  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 92**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.64**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

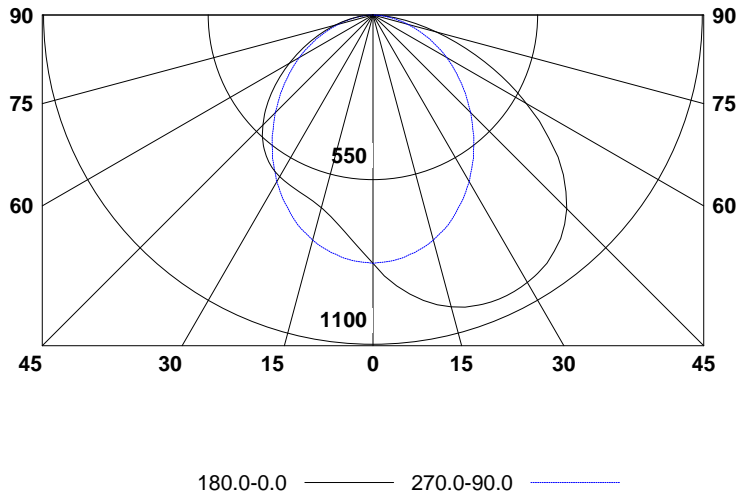
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	662	26.0	26.0
0-40	1106	43.4	43.4
0-60	2009	78.8	78.8
0-90	2550	100.0	100.0
0-180	2550	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	829	829	829	829	829
7.5	940	921	884	830	729
15.0	1009	980	912	812	666
22.5	1036	1002	913	770	640
30.0	1031	992	886	708	623
37.5	994	954	829	625	588
45.0	915	879	749	533	520
52.5	779	756	639	429	427
60.0	591	592	509	327	323
67.5	397	408	356	226	222
75.0	217	232	208	136	131
82.5	83	90	84	56	54
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	9105	9105	9105	9105	9105	9105
30	13076	12670	11858	10210	8155	7901
40	13980	13492	12402	10180	7499	8158
45	14213	13778	12644	10065	7176	8077
50	14183	13841	12696	9859	6835	7860
55	13730	13577	12600	9517	6549	7507
60	12983	13027	12214	9138	6261	7095
65	12007	12137	11513	8629	5874	6575
70	10726	11047	10758	7932	5556	6102
75	9209	9761	9761	7087	5135	5559
80	7717	8223	8413	6199	4681	4934
85	6049	6805	7184	5419	4285	4159

**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:** CWW4-930MWG-1WR-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 48" led with frosted acylic prised lens

TEST #16.01047  
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	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829
2.5	872	873	872	869	866	863	862	861	862	860	856	854	851	846	842	839	837
5.0	908	908	906	903	898	895	893	890	890	886	879	874	869	862	854	849	845
7.5	940	940	938	933	927	924	921	916	916	908	900	892	884	874	863	857	852
10.0	968	968	965	959	952	949	944	938	937	928	917	907	896	884	869	862	855
12.5	991	990	988	981	974	970	965	957	955	944	931	919	905	891	874	865	856
15.0	1009	1008	1005	999	990	985	980	972	969	957	942	928	912	894	875	864	854
17.5	1023	1022	1018	1012	1003	998	992	984	979	966	950	934	916	896	874	862	850
20.0	1031	1030	1027	1019	1010	1005	1000	989	984	971	954	936	916	894	869	855	842
22.5	1036	1035	1030	1023	1014	1008	1002	992	985	973	955	935	913	889	862	847	832
25.0	<b>1038*</b>	1036	1031	1024	1013	1008	1002	990	982	971	951	930	907	880	851	835	819
27.5	1036	1034	1029	1022	1010	1005	999	986	976	965	944	922	898	870	838	821	804
30.0	1031	1030	1024	1017	1006	999	992	979	968	957	935	911	886	856	824	805	786
32.5	1023	1022	1016	1008	997	990	983	968	956	944	922	897	870	840	805	786	766
35.0	1012	1010	1004	996	984	978	970	954	941	929	906	879	851	819	783	763	743
37.5	994	993	987	980	968	961	954	938	922	910	887	859	829	796	761	740	719
40.0	975	972	966	959	948	941	934	918	902	887	865	836	807	773	732	710	688
42.5	947	945	940	933	923	917	908	894	877	860	840	813	779	742	704	683	660
45.0	915	913	908	901	892	887	879	864	849	831	814	782	749	714	669	648	626
47.5	874	872	867	862	854	850	844	831	814	798	778	750	715	676	638	614	590
50.0	830	828	824	819	813	810	802	790	777	761	743	713	681	643	598	577	556
52.5	779	778	774	770	766	763	756	745	738	717	701	675	639	602	560	536	517
55.0	717	721	718	716	710	709	705	696	687	672	658	629	600	560	519	497	475
57.5	659	659	657	655	654	654	649	642	635	620	605	585	555	519	480	458	437
60.0	591	594	595	595	592	593	592	586	582	569	556	537	509	471	436	416	396
62.5	527	526	526	530	528	529	529	528	520	511	498	485	458	426	393	373	356
65.0	462	462	462	464	465	467	467	468	462	455	443	430	408	381	349	332	315
67.5	397	397	401	403	405	405	408	407	403	398	389	376	356	332	305	289	276
70.0	334	334	338	341	344	344	348	348	345	341	335	322	305	284	261	247	235
72.5	277	277	278	281	285	287	286	288	290	286	281	270	255	237	216	207	197
75.0	217	222	223	226	227	230	232	233	237	234	230	219	208	191	175	167	159
77.5	167	167	171	173	176	177	180	182	181	181	179	173	163	150	137	130	124
80.0	122	122	125	127	129	130	133	134	134	135	133	129	121	112	102	98	94
82.5	83	83	84	86	88	90	90	93	93	94	92	89	84	79	72	69	66
85.0	48	51	51	52	52	54	54	55	58	57	57	54	52	48	44	43	41
87.5	22	21	21	22	23	23	23	24	26	26	26	24	24	23	21	21	20
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE