

LUMINAIRE: CWW4-35XWG-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: 2599
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 #16242
 DATE: 6/3/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 105

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.31
BASED ON 3000 HRS. AND \$.08 PER KWH

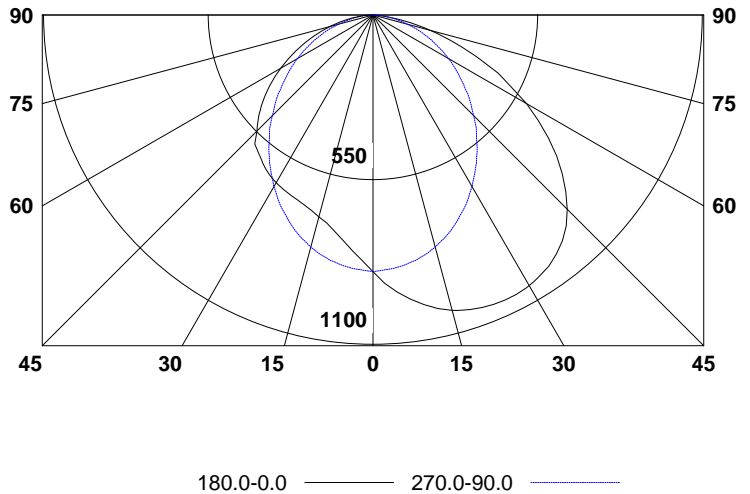
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	679	26.1	26.1
0-40	1133	43.6	43.6
0-60	2055	79.0	79.0
0-90	2599	100.0	100.0
0-180	2599	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	857	857	857	857	857
7.5	957	943	908	855	760
15.0	1021	997	932	836	698
22.5	1046	1015	926	791	666
30.0	1043	1005	895	726	646
37.5	1006	966	835	641	611
45.0	917	886	751	540	548
52.5	773	754	639	433	460
60.0	592	588	503	328	358
67.5	386	409	349	227	248
75.0	199	215	203	132	151
82.5	56	67	76	54	66
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	9413	9413	9413	9413	9413	9413
30	13228	12835	11947	10374	8396	8193
40	14109	13664	12488	10295	7714	8560
45	14244	13856	12722	10205	7378	8512
50	14097	13807	12696	9877	7074	8390
55	13692	13481	12505	9536	6702	8158
60	13005	12961	12082	9182	6414	7864
65	12007	11981	11357	8525	6030	7355
70	10244	10790	10469	7868	5652	6840
75	8445	9039	9336	6917	5135	6408
80	6009	6895	7654	6072	4617	5819
85	3529	4159	5545	4915	4159	5545

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 #16242
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	857	857	857	857	857	857	857	857	857	857	857	857	857	857	857	857	857
2.5	897	898	898	897	893	891	889	887	888	886	883	882	879	875	870	866	864
5.0	929	930	930	928	923	920	917	914	913	909	904	900	895	889	881	877	873
7.5	957	958	958	955	949	946	943	937	935	930	921	915	908	899	889	883	878
10.0	982	983	981	978	971	968	964	958	954	947	938	929	918	907	894	887	880
12.5	1004	1004	1003	998	991	985	981	974	970	960	949	938	925	912	896	887	879
15.0	1021	1020	1019	1014	1006	1002	997	988	982	972	958	946	932	914	896	886	877
17.5	1033	1032	1031	1025	1018	1012	1007	997	991	980	964	949	933	913	893	881	871
20.0	1041	1040	1037	1031	1023	1018	1012	1002	996	983	966	950	932	910	887	874	861
22.5	1046	1044	1042	1035	1027	1021	1015	1003	996	983	965	947	926	904	879	863	850
25.0	1049*	1046	1043	1036	1027	1021	1015	1002	993	980	960	941	919	895	868	852	836
27.5	1048	1045	1042	1034	1025	1018	1011	997	986	974	953	932	908	883	853	837	820
30.0	1043	1040	1037	1029	1019	1012	1005	990	977	965	942	919	895	868	836	818	800
32.5	1034	1033	1029	1020	1009	1003	996	979	965	954	930	904	878	848	816	797	779
35.0	1024	1021	1016	1008	997	991	982	966	951	938	913	887	858	826	793	774	755
37.5	1006	1005	1000	993	980	974	966	950	932	918	893	865	835	802	770	753	732
40.0	984	982	976	969	959	953	945	929	911	895	871	842	813	780	739	718	697
42.5	955	953	947	941	932	925	918	902	886	869	846	818	787	744	707	685	664
45.0	917	916	910	905	896	892	886	871	856	837	819	787	751	712	676	657	636
47.5	873	872	870	862	856	850	847	834	819	801	783	751	718	684	639	615	594
50.0	825	825	819	816	810	808	802	791	779	764	743	716	681	640	599	578	559
52.5	773	773	768	765	760	759	754	744	735	717	701	675	639	603	563	540	519
55.0	715	714	711	710	706	704	701	692	682	668	653	629	597	558	519	498	480
57.5	654	654	651	650	650	648	644	640	631	616	601	583	550	516	477	456	436
60.0	592	590	589	590	589	590	588	583	575	564	550	531	503	469	436	418	400
62.5	520	521	524	526	526	525	524	521	516	507	492	476	452	423	388	372	357
65.0	462	467	463	468	462	461	462	460	457	451	437	422	401	374	345	328	314
67.5	386	387	394	398	404	407	409	406	397	392	382	368	349	326	301	287	273
70.0	319	320	325	330	333	336	338	341	344	339	326	314	298	279	257	245	231
72.5	257	259	259	263	270	271	273	279	280	279	276	263	249	231	211	200	192
75.0	199	200	199	204	207	213	215	219	224	223	220	214	203	185	171	163	157
77.5	141	142	146	152	155	159	161	165	167	172	169	163	155	146	133	127	121
80.0	95	96	99	103	106	109	111	115	118	121	121	118	113	106	100	96	90
82.5	56	57	60	59	63	64	67	71	75	77	79	79	76	73	66	63	61
85.0	28	26	27	29	31	33	33	36	37	42	44	43	44	42	40	39	37
87.5	9	9	9	9	9	10	10	10	11	13	14	14	15	15	16	16	16
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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3" x 48" led with frosted acylic prised lens
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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	857	857	857	857	857	857	857	857
2.5	859	855	854	852	834	825	816	821
5.0	864	857	853	848	819	799	786	790
7.5	866	855	849	840	799	774	757	760
10.0	865	852	842	831	778	749	731	734
12.5	861	845	831	818	756	723	708	712
15.0	856	836	820	802	731	700	692	698
17.5	847	824	804	784	707	678	675	684
20.0	834	810	786	764	680	658	662	674
22.5	821	791	767	740	655	639	652	666
25.0	803	772	743	716	627	621	642	660
27.5	783	750	719	690	601	604	634	654
30.0	762	726	693	662	576	589	624	646
32.5	736	698	663	631	548	572	615	637
35.0	711	671	636	603	524	556	603	626
37.5	684	641	603	571	499	540	590	611
40.0	652	607	572	538	474	523	575	597
42.5	620	577	542	510	449	504	558	584
45.0	589	540	503	475	424	484	540	548
47.5	548	505	471	444	400	463	510	520
50.0	518	472	437	414	375	441	482	491
52.5	476	433	403	381	351	419	452	460
55.0	438	399	370	350	325	388	422	426
57.5	399	365	342	322	301	360	392	392
60.0	359	328	306	292	276	331	358	358
62.5	322	295	275	262	251	302	323	318
65.0	285	261	244	232	225	273	290	283
67.5	247	227	213	203	199	242	253	248
70.0	211	196	183	176	173	211	218	213
72.5	176	165	156	148	147	179	186	181
75.0	142	132	126	121	122	150	152	151
77.5	111	105	100	97	98	120	122	119
80.0	82	77	74	73	75	93	94	92
82.5	58	54	53	53	55	66	67	66
85.0	35	34	33	33	35	43	43	44
87.5	16	16	15	16	18	21	21	22
90.0	0	0	0	0	0	0	0	0