

LUMINAIRE: CWW2-40LWG-1WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 24" led with frosted acrylic prisms lens
 Scaled from Test#16.00838
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2694
WATTS: 26.90
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = N/A 90° = N/A
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 1.92
 HEIGHT: 0.00

TEST #16218
 DATE: 4/6/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 100

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.40
BASED ON 3000 HRS. AND \$.08 PER KWH

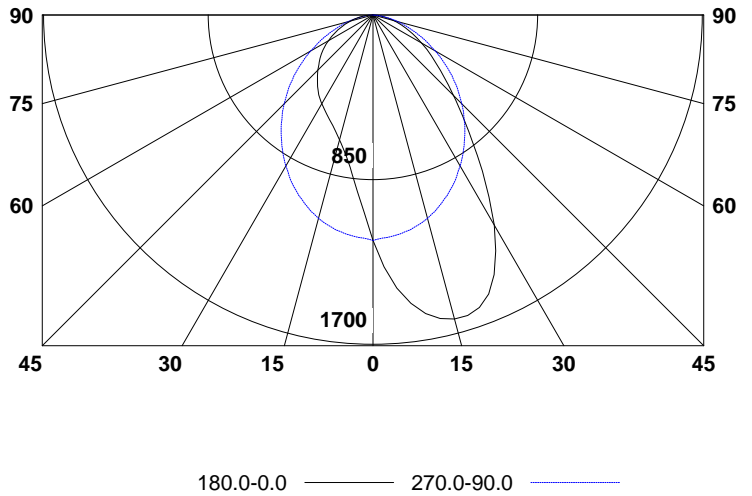
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	909	33.7	33.7
0-40	1439	53.4	53.4
0-60	2281	84.7	84.7
0-90	2694	100.0	100.0
0-180	2694	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	1163	1163	1163	1163	1163
7.5	1501	1485	1369	1208	827
15.0	1624	1613	1497	1223	667
22.5	1559	1580	1537	1206	585
30.0	1251	1325	1475	1149	529
37.5	863	947	1263	1049	468
45.0	588	636	932	895	403
52.5	413	436	618	693	337
60.0	290	303	394	471	268
67.5	191	199	239	285	191
75.0	112	116	128	147	121
82.5	42	45	49	53	58
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	26080	26080	26080	26080	26080	26080
30	32393	33921	37546	36174	23305	13698
40	22072	23799	29918	35743	21545	13056
45	18648	19884	25022	33585	20550	12781
50	16118	17060	20827	30003	19467	12524
55	14388	15013	17593	25726	18180	12276
60	13006	13545	15294	21797	16684	12020
65	11780	12098	13319	18306	15017	11355
70	10622	11081	11802	15146	13179	10950
75	9704	10051	10571	12563	11350	10484
80	8265	8652	9169	10073	9556	10202
85	5918	6175	7205	7719	7462	10035

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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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	1163	1163	1163	1163	1163	1163	1163	1163	1163	1163	1163	1163	1163	1163	1163	1163	1163
2.5	1301	1300	1301	1301	1298	1295	1293	1285	1279	1270	1261	1251	1239	1228	1215	1209	1201
5.0	1415	1415	1415	1410	1407	1402	1400	1386	1376	1361	1345	1327	1306	1286	1264	1252	1239
7.5	1501	1505	1506	1501	1495	1490	1485	1472	1457	1441	1419	1395	1369	1341	1308	1292	1275
10.0	1564	1565	1566	1564	1555	1552	1547	1536	1520	1501	1479	1451	1422	1386	1348	1326	1304
12.5	1604	1604	1604	1601	1598	1591	1589	1577	1564	1545	1523	1497	1464	1427	1383	1357	1330
15.0	1624	1625	1626	1624	1620	1616	1613	1603	1590	1574	1555	1529	1497	1458	1409	1381	1352
17.5	1626	1628*	1628	1628	1626	1623	1621	1614	1604	1590	1573	1549	1520	1480	1429	1400	1368
20.0	1606	1608	1609	1611	1612	1612	1612	1608	1603	1593	1580	1560	1532	1493	1444	1413	1379
22.5	1559	1558	1562	1568	1571	1575	1580	1584	1585	1581	1574	1560	1537	1501	1451	1419	1383
25.0	1479	1480	1486	1495	1509	1511	1519	1532	1544	1550	1552	1546	1529	1499	1451	1419	1383
27.5	1372	1375	1382	1394	1415	1424	1436	1455	1478	1497	1511	1518	1509	1486	1443	1411	1375
30.0	1251	1254	1263	1277	1298	1310	1325	1357	1390	1423	1450	1469	1475	1463	1426	1397	1361
32.5	1114	1117	1128	1142	1171	1184	1202	1234	1276	1322	1363	1401	1422	1423	1397	1371	1337
35.0	984	988	997	1017	1040	1060	1073	1108	1160	1208	1265	1315	1351	1369	1356	1335	1303
37.5	863	867	877	889	916	929	947	981	1028	1085	1145	1206	1263	1299	1301	1286	1260
40.0	754	760	767	783	798	813	824	864	905	961	1022	1089	1158	1208	1229	1221	1204
42.5	665	671	676	685	701	714	723	758	792	844	903	971	1049	1109	1145	1147	1137
45.0	588	593	598	604	617	627	636	663	692	737	789	856	932	1001	1050	1059	1057
47.5	522	523	528	534	543	550	558	578	604	640	686	744	812	891	944	961	966
50.0	462	467	470	474	481	489	493	511	530	560	597	647	713	780	839	860	870
52.5	413	416	418	421	427	433	436	451	467	489	520	561	618	679	737	759	774
55.0	368	371	372	374	379	384	386	397	407	426	450	485	532	584	640	658	673
57.5	330	330	331	334	338	341	344	350	359	371	392	420	457	504	551	570	581
60.0	290	293	294	295	298	302	303	310	315	326	341	362	394	431	470	486	499
62.5	255	256	258	259	263	263	265	269	274	283	293	310	334	367	398	412	421
65.0	222	223	224	225	228	228	230	232	238	243	251	264	284	308	334	345	352
67.5	191	193	194	195	197	199	199	203	204	209	214	224	239	256	276	285	293
70.0	162	164	165	166	167	169	169	172	173	177	180	187	198	210	225	231	239
72.5	137	137	138	139	139	140	141	143	145	146	149	153	160	170	181	185	188
75.0	112	111	112	115	114	116	116	117	119	119	122	124	128	135	142	145	147
77.5	86	87	88	89	90	91	91	94	94	95	95	97	99	102	108	110	111
80.0	64	65	65	66	66	67	67	69	69	70	71	71	74	75	77	78	79
82.5	42	42	43	43	44	44	45	46	48	49	49	49	49	52	53	53	53
85.0	23	23	23	24	24	24	25	26	27	28	28	30	29	29	30	30	30
87.5	8	7	8	8	8	8	8	8	9	9	11	11	11	12	12	12	12
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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CANDELA VALUES

ANGLE	75.0	80.0	85.0	90.0	112.5	135.0	157.5	180.0
0.0	1163	1163	1163	1163	1163	1163	1163	1163
2.5	1188	1179	1167	1152	1089	1050	1025	1022
5.0	1215	1194	1172	1146	1037	968	926	916
7.5	1239	1208	1173	1136	986	892	842	827
10.0	1259	1217	1171	1124	935	828	774	758
12.5	1276	1221	1165	1106	887	770	718	707
15.0	1289	1223	1155	1086	839	722	678	667
17.5	1296	1221	1141	1063	792	681	643	635
20.0	1299	1216	1125	1034	750	647	613	607
22.5	1299	1206	1104	1005	708	614	590	585
25.0	1294	1191	1080	972	672	588	568	565
27.5	1282	1173	1052	937	635	562	548	545
30.0	1265	1149	1019	900	600	537	528	529
32.5	1241	1120	986	861	569	515	510	510
35.0	1211	1087	950	821	538	493	491	492
37.5	1172	1049	910	778	508	471	470	468
40.0	1124	1004	864	736	478	449	447	446
42.5	1066	952	819	693	450	427	424	424
45.0	1000	895	769	648	421	404	401	403
47.5	925	832	716	603	393	378	378	379
50.0	844	764	661	558	367	355	356	359
52.5	754	693	603	513	339	331	335	337
55.0	666	619	542	465	312	306	311	314
57.5	580	544	482	419	286	282	289	291
60.0	501	471	426	372	261	260	266	268
62.5	424	405	369	326	232	234	239	240
65.0	355	342	315	283	207	211	213	214
67.5	296	285	266	240	183	187	189	191
70.0	239	232	219	201	158	163	166	167
72.5	191	187	176	165	133	139	143	143
75.0	149	147	140	131	111	117	120	121
77.5	112	111	106	101	89	95	98	100
80.0	80	79	77	74	68	74	78	79
82.5	54	53	52	49	48	53	58	58
85.0	30	30	29	29	32	36	38	39
87.5	13	13	13	14	15	17	18	18
90.0	0	0	0	0	0	0	0	0