

LUMINAIRE: CWW4-30XWG-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: 2646
WATTS: 24.70
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = N/A 90° = N/A
LUMINOUS OPENING IN FEET
 LENGTH: 0.33
 WIDTH: 4.00
 HEIGHT: 0.00

TEST #16.00846
 DATE: 6/2/2016

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 107

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.26
BASED ON 3000 HRS. AND \$.08 PER KWH

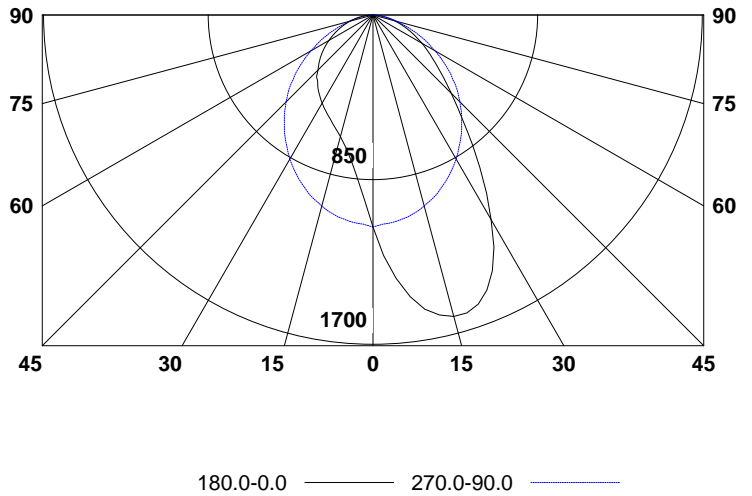
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	880	33.3	33.3
0-40	1399	52.9	52.9
0-60	2229	84.3	84.3
0-90	2646	100.0	100.0
0-180	2646	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	1094	1094	1094	1094	1094
7.5	1466	1426	1310	1133	785
15.0	1610	1577	1456	1153	650
22.5	1536	1542	1510	1142	579
30.0	1218	1283	1453	1097	525
37.5	844	911	1244	1013	468
45.0	571	613	916	879	401
52.5	407	424	606	688	335
60.0	293	301	389	470	264
67.5	195	207	237	284	189
75.0	117	121	132	146	123
82.5	49	52	52	54	60
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	8921	8921	8921	8921	8921	8921
30	11469	12024	13446	12890	8079	4943
40	7813	8356	10688	12902	7579	4737
45	6585	6931	8880	12166	7323	4624
50	5747	5962	7409	10885	7003	4529
55	5189	5317	6241	9369	6582	4436
60	4779	4876	5431	7942	6051	4306
65	4399	4457	4824	6657	5461	4110
70	4006	4053	4292	5603	4745	3958
75	3686	3749	3875	4600	4064	3875
80	3381	3428	3522	3851	3428	3851
85	2713	2901	3088	2994	2807	3836

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: CWW4-30XWG-1WW-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acylic prisms lens

TEST #16.00846
DATE: 6/2/2016

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	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094	1094
2.5	1242	1242	1242	1237	1230	1224	1217	1212	1213	1203	1192	1185	1174	1161	1147	1138	1132
5.0	1363	1364	1360	1355	1345	1336	1330	1320	1312	1299	1281	1265	1244	1220	1196	1184	1171
7.5	1466	1467	1463	1456	1444	1435	1426	1411	1403	1385	1359	1339	1310	1277	1244	1226	1208
10.0	1542	1540	1538	1530	1516	1507	1501	1485	1478	1452	1426	1399	1367	1328	1286	1262	1240
12.5	1586	1587	1583	1576	1565	1558	1549	1536	1531	1508	1482	1453	1416	1374	1323	1295	1268
15.0	1610	1610	1607	1600	1591	1585	1577	1567	1564	1546	1522	1493	1456	1410	1355	1324	1292
17.5	1612*	1612	1610	1604	1597	1592	1587	1579	1580	1567	1546	1520	1485	1439	1381	1347	1312
20.0	1588	1589	1588	1584	1582	1580	1576	1573	1579	1572	1555	1533	1503	1460	1401	1365	1327
22.5	1536	1538	1539	1539	1540	1542	1542	1546	1559	1560	1550	1534	1510	1471	1414	1376	1337
25.0	1457	1454	1456	1464	1472	1477	1482	1493	1514	1532	1529	1522	1504	1473	1419	1382	1341
27.5	1351	1347	1350	1363	1376	1386	1395	1419	1446	1479	1489	1494	1486	1463	1416	1380	1339
30.0	1218	1225	1229	1240	1264	1277	1283	1316	1356	1400	1428	1448	1453	1441	1402	1369	1330
32.5	1091	1092	1098	1116	1136	1146	1165	1198	1246	1300	1342	1377	1402	1403	1377	1349	1312
35.0	962	964	975	987	1010	1020	1039	1075	1124	1186	1240	1290	1333	1350	1340	1317	1284
37.5	844	841	846	868	883	898	911	952	994	1064	1127	1188	1244	1281	1287	1274	1246
40.0	734	739	744	754	772	785	797	828	877	934	1004	1072	1141	1201	1220	1212	1192
42.5	646	647	654	662	677	684	698	724	767	818	881	950	1032	1102	1137	1139	1128
45.0	571	572	578	584	596	601	613	634	670	713	770	836	916	986	1044	1055	1053
47.5	505	508	510	515	523	533	536	555	581	619	673	732	804	882	942	958	964
50.0	453	454	457	461	467	470	477	490	512	541	584	632	701	778	837	858	869
52.5	407	407	410	412	417	419	424	434	454	471	505	548	606	669	736	758	772
55.0	365	365	366	369	373	374	378	384	397	413	439	474	523	578	637	659	675
57.5	327	329	329	330	333	336	337	342	351	362	383	413	450	502	548	571	582
60.0	293	293	295	295	298	299	301	304	311	318	333	355	389	425	470	487	501
62.5	256	258	258	259	263	265	264	268	272	280	290	307	331	363	397	411	422
65.0	228	239	228	232	228	231	231	234	237	242	250	263	281	307	334	345	353
67.5	195	197	197	206	205	211	207	204	209	213	222	237	256	279	288	295	
70.0	168	167	168	169	170	170	172	177	180	181	180	186	196	210	228	235	241
72.5	142	142	142	143	144	144	144	146	147	148	153	155	161	172	181	187	190
75.0	117	117	118	118	120	119	121	121	123	122	123	126	132	135	144	146	149
77.5	94	92	94	95	95	95	96	97	98	98	98	98	100	107	110	111	114
80.0	72	71	72	72	73	73	74	74	74	75	75	75	75	76	80	82	81
82.5	49	50	50	50	51	52	52	53	53	54	54	54	52	53	53	54	54
85.0	29	28	29	30	31	31	32	32	34	33	33	33	33	32	33	32	33
87.5	11	12	12	12	12	12	12	12	14	13	14	14	15	15	14	14	14
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*MAXIMUM CANDELA VALUE

LUMINAIRE: CWW4-30XWG-1WW-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acrylic prisms lens

TEST #16.00846
DATE: 6/2/2016

CANDELA VALUES

ANGLE	75.0	80.0	85.0	90.0	112.5	135.0	157.5	180.0
0.0	1094	1094	1094	1094	1094	1094	1094	1094
2.5	1116	1103	1093	1081	1022	985	956	960
5.0	1144	1119	1099	1076	975	909	865	862
7.5	1170	1133	1102	1067	927	842	790	785
10.0	1191	1143	1100	1056	880	784	732	728
12.5	1209	1150	1096	1040	836	733	687	683
15.0	1223	1153	1088	1021	794	693	652	650
17.5	1234	1154	1077	1000	754	658	624	623
20.0	1240	1150	1062	977	716	629	600	601
22.5	1243	1142	1044	949	681	601	579	579
25.0	1241	1131	1024	921	646	577	558	561
27.5	1235	1116	1000	890	614	554	539	543
30.0	1222	1097	972	858	584	532	520	525
32.5	1204	1073	943	822	554	509	502	506
35.0	1180	1045	911	787	526	488	484	488
37.5	1149	1013	875	751	498	467	464	468
40.0	1105	973	835	712	472	445	444	445
42.5	1052	929	795	674	445	424	421	431
45.0	992	879	750	635	417	401	405	401
47.5	919	821	700	595	390	378	377	380
50.0	840	758	652	552	364	355	354	357
52.5	754	688	597	508	337	334	331	335
55.0	667	613	539	463	310	305	309	312
57.5	580	542	481	416	285	282	286	288
60.0	501	470	425	371	258	256	262	264
62.5	427	404	365	327	231	231	237	240
65.0	358	342	312	283	206	208	211	213
67.5	297	284	266	240	184	184	188	189
70.0	242	233	219	199	157	161	164	166
72.5	191	186	176	161	133	138	142	143
75.0	150	146	140	129	110	115	120	123
77.5	114	111	108	100	89	94	100	102
80.0	82	80	78	73	68	74	80	82
82.5	55	54	51	48	49	55	60	60
85.0	32	31	31	30	31	36	40	41
87.5	14	13	14	14	14	17	20	20
90.0	0	0	0	0	0	0	0	0