

LUMINAIRE: CWW4-40XWG-1WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acrylic prisms lens
 Scaled from Test#16.00846
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2781
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 #16220
 DATE: 6/3/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 113

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.16
BASED ON 3000 HRS. AND \$.08 PER KWH

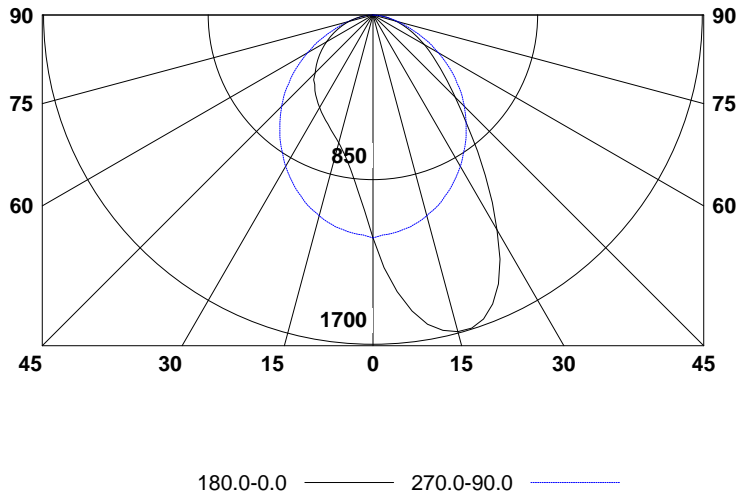
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	925	33.3	33.3
0-40	1470	52.9	52.9
0-60	2343	84.3	84.3
0-90	2781	100.0	100.0
0-180	2781	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	1150	1150	1150	1150	1150
7.5	1541	1499	1377	1191	825
15.0	1692	1657	1530	1212	683
22.5	1614	1621	1587	1200	609
30.0	1280	1348	1527	1153	552
37.5	887	957	1307	1065	492
45.0	600	644	963	924	421
52.5	428	446	637	723	352
60.0	308	316	409	494	277
67.5	205	218	249	298	199
75.0	123	127	139	153	129
82.5	52	55	55	57	63
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	9378	9378	9378	9378	9378	9378
30	12052	12636	14133	13550	8493	5198
40	8207	8782	11230	13562	7962	4982
45	6919	7288	9330	12789	7692	4855
50	6039	6267	7789	11443	7358	4757
55	5459	5587	6554	9852	6924	4663
60	5023	5121	5708	8350	6361	4518
65	4631	4689	5075	7004	5731	4322
70	4220	4268	4506	5889	4983	4149
75	3875	3938	4064	4821	4285	4064
80	3569	3616	3710	4039	3616	4039
85	2807	3088	3275	3181	2994	4023

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	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
2.5	1305	1305	1305	1300	1293	1286	1279	1274	1275	1264	1253	1245	1234	1220	1206	1196	1190
5.0	1433	1434	1429	1424	1414	1404	1398	1387	1379	1365	1346	1330	1307	1282	1257	1244	1231
7.5	1541	1542	1538	1530	1518	1508	1499	1483	1475	1456	1428	1407	1377	1342	1307	1289	1270
10.0	1621	1619	1616	1608	1593	1584	1578	1561	1553	1526	1499	1470	1437	1396	1352	1326	1303
12.5	1667	1668	1664	1656	1645	1637	1628	1614	1609	1585	1558	1527	1488	1444	1390	1361	1333
15.0	1692	1692	1689	1682	1672	1666	1657	1647	1644	1625	1600	1569	1530	1482	1424	1392	1358
17.5	1694*	1694	1692	1686	1678	1673	1668	1660	1661	1647	1625	1598	1561	1512	1451	1416	1379
20.0	1669	1670	1669	1665	1663	1661	1656	1653	1660	1652	1634	1611	1580	1534	1472	1435	1395
22.5	1614	1616	1617	1617	1619	1621	1621	1625	1639	1640	1629	1612	1587	1546	1486	1446	1405
25.0	1531	1528	1530	1539	1547	1552	1558	1569	1591	1610	1607	1600	1581	1548	1491	1452	1409
27.5	1420	1416	1419	1433	1446	1457	1466	1491	1520	1554	1565	1570	1562	1538	1488	1450	1407
30.0	1280	1287	1292	1303	1328	1342	1348	1383	1425	1471	1501	1522	1527	1514	1474	1439	1398
32.5	1147	1148	1154	1173	1194	1204	1224	1259	1310	1366	1410	1447	1474	1475	1447	1418	1379
35.0	1011	1013	1025	1037	1062	1072	1092	1130	1181	1246	1303	1356	1401	1419	1408	1384	1349
37.5	887	884	889	912	928	944	957	1001	1045	1118	1184	1249	1307	1346	1353	1339	1310
40.0	771	777	782	792	811	825	838	870	922	982	1055	1127	1199	1262	1282	1274	1253
42.5	679	680	687	696	712	719	734	761	806	860	926	998	1085	1158	1195	1197	1186
45.0	600	601	607	614	626	632	644	666	704	749	809	879	963	1036	1097	1109	1107
47.5	531	534	536	541	550	560	563	583	611	651	707	769	845	927	990	1007	1013
50.0	476	477	480	485	491	494	501	515	538	569	614	664	737	818	880	902	913
52.5	428	428	431	433	438	440	446	456	477	495	531	576	637	703	774	797	811
55.0	384	384	385	388	392	393	397	404	417	434	461	498	550	607	669	693	709
57.5	344	346	346	347	350	353	354	359	369	380	403	434	473	528	576	600	612
60.0	308	308	310	310	313	314	316	320	327	334	350	373	409	447	494	512	527
62.5	269	271	271	272	276	279	277	282	286	294	305	323	348	382	417	432	444
65.0	240	251	240	244	240	243	243	246	249	254	263	276	295	323	351	363	371
67.5	205	207	207	217	215	222	218	218	214	220	224	233	249	269	293	303	310
70.0	177	176	177	178	179	179	181	186	189	190	189	195	206	221	240	247	253
72.5	149	149	149	150	151	151	151	153	155	156	161	163	169	181	190	197	200
75.0	123	123	124	124	126	125	127	127	129	128	129	132	139	142	151	153	157
77.5	99	97	99	100	100	100	101	102	103	103	103	103	105	112	116	117	120
80.0	76	75	76	76	77	77	78	78	78	79	79	79	79	80	84	86	85
82.5	52	53	53	53	54	55	55	56	56	57	57	57	55	56	56	57	57
85.0	30	29	30	32	33	33	34	34	36	35	35	35	35	34	35	34	35
87.5	12	13	13	13	13	13	13	13	15	14	15	15	16	16	15	15	15
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	1150	1150	1150	1150	1150	1150	1150	1150
2.5	1173	1159	1149	1136	1074	1035	1005	1009
5.0	1202	1176	1155	1131	1025	955	909	906
7.5	1230	1191	1158	1121	974	885	830	825
10.0	1252	1201	1156	1110	925	824	769	765
12.5	1271	1209	1152	1093	879	770	722	718
15.0	1285	1212	1143	1073	834	728	685	683
17.5	1297	1213	1132	1051	792	692	656	655
20.0	1303	1209	1116	1027	753	661	631	632
22.5	1306	1200	1097	997	716	632	609	609
25.0	1304	1189	1076	968	679	606	586	590
27.5	1298	1173	1051	935	645	582	566	571
30.0	1284	1153	1022	902	614	559	547	552
32.5	1265	1128	991	864	582	535	528	532
35.0	1240	1098	957	827	553	513	509	513
37.5	1208	1065	920	789	523	491	488	492
40.0	1161	1023	878	748	496	468	467	468
42.5	1106	976	836	708	468	446	442	453
45.0	1043	924	788	667	438	421	426	421
47.5	966	863	736	625	410	397	396	399
50.0	883	797	685	580	383	373	372	375
52.5	792	723	627	534	354	351	348	352
55.0	701	644	566	487	326	321	325	328
57.5	610	570	506	437	300	296	301	303
60.0	527	494	447	390	271	269	275	277
62.5	449	425	384	344	243	243	249	252
65.0	376	359	328	297	217	219	222	224
67.5	312	298	280	252	193	193	198	199
70.0	254	245	230	209	165	169	172	174
72.5	201	195	185	169	140	145	149	150
75.0	158	153	147	136	116	121	126	129
77.5	120	117	114	105	94	99	105	107
80.0	86	84	82	77	71	78	84	86
82.5	58	57	54	50	52	58	63	63
85.0	34	33	33	32	33	38	42	43
87.5	15	14	15	15	15	18	21	21
90.0	0	0	0	0	0	0	0	0