

LUMINAIRE: CWW4-50XWG-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: 2871
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 #16221
 DATE: 6/3/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 116

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.09
BASED ON 3000 HRS. AND \$.08 PER KWH

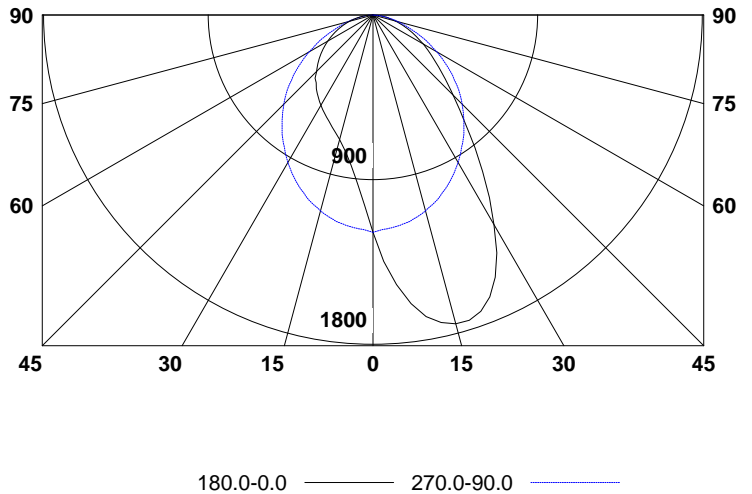
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	955	33.3	33.3
0-40	1518	52.9	52.9
0-60	2419	84.3	84.3
0-90	2871	100.0	100.0
0-180	2871	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	1187	1187	1187	1187	1187
7.5	1591	1547	1421	1229	852
15.0	1747	1711	1580	1251	705
22.5	1667	1673	1638	1239	628
30.0	1322	1392	1577	1190	570
37.5	916	988	1350	1099	508
45.0	620	665	994	954	435
52.5	442	460	658	746	363
60.0	318	327	422	510	286
67.5	212	225	257	308	205
75.0	127	131	143	158	133
82.5	53	56	56	59	65
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	9679	9679	9679	9679	9679	9679
30	12448	13051	14585	13983	8766	5367
40	8473	9069	11592	13998	8229	5142
45	7150	7519	9629	13204	7946	5017
50	6242	6470	8043	11811	7599	4910
55	5630	5772	6767	10165	7137	4820
60	5186	5284	5888	8611	6573	4664
65	4766	4843	5229	7216	5924	4457
70	4339	4387	4649	6080	5150	4292
75	4001	4064	4190	4978	4411	4190
80	3663	3710	3804	4179	3710	4179
85	2901	3181	3368	3275	3088	4117

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	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187
2.5	1348	1348	1348	1342	1335	1328	1320	1315	1316	1305	1293	1286	1274	1260	1244	1235	1228
5.0	1479	1480	1476	1470	1459	1450	1443	1432	1424	1409	1390	1373	1350	1324	1298	1285	1271
7.5	1591	1592	1587	1580	1567	1557	1547	1531	1522	1503	1475	1453	1421	1386	1350	1330	1311
10.0	1673	1671	1669	1660	1645	1635	1629	1611	1604	1575	1547	1518	1483	1441	1395	1369	1345
12.5	1721	1722	1718	1710	1698	1690	1681	1667	1661	1636	1608	1577	1536	1491	1435	1405	1376
15.0	1747	1747	1744	1736	1726	1720	1711	1700	1697	1677	1651	1620	1580	1530	1470	1437	1402
17.5	1749*	1749	1747	1740	1733	1727	1722	1713	1714	1700	1677	1649	1611	1561	1498	1462	1424
20.0	1723	1724	1723	1719	1716	1714	1710	1707	1713	1706	1687	1663	1631	1584	1520	1481	1440
22.5	1667	1669	1670	1670	1671	1673	1673	1677	1692	1693	1682	1664	1638	1596	1534	1493	1451
25.0	1581	1578	1580	1588	1597	1603	1608	1620	1643	1662	1659	1651	1632	1598	1540	1499	1455
27.5	1466	1462	1465	1479	1493	1504	1514	1540	1569	1605	1616	1621	1612	1587	1536	1497	1453
30.0	1322	1329	1333	1345	1371	1386	1392	1428	1471	1519	1549	1571	1577	1563	1521	1485	1443
32.5	1184	1185	1191	1211	1233	1243	1264	1300	1352	1411	1456	1494	1521	1522	1494	1464	1424
35.0	1044	1046	1058	1071	1096	1107	1127	1166	1220	1287	1345	1400	1446	1465	1454	1429	1393
37.5	916	912	918	942	958	974	988	1033	1078	1154	1223	1289	1350	1390	1396	1382	1352
40.0	796	802	807	818	838	852	865	898	952	1013	1089	1163	1238	1303	1324	1315	1293
42.5	701	702	710	718	735	742	757	786	832	888	956	1031	1120	1196	1234	1236	1224
45.0	620	621	627	634	647	652	665	688	727	774	835	907	994	1070	1133	1145	1143
47.5	548	551	553	559	567	578	582	602	630	672	730	794	872	957	1022	1039	1046
50.0	492	493	496	500	507	510	518	532	556	587	634	686	761	844	908	931	943
52.5	442	442	445	447	452	455	460	471	493	511	548	595	658	726	799	822	838
55.0	396	396	397	400	405	406	410	417	431	448	476	514	567	627	691	715	732
57.5	355	357	357	358	361	365	366	371	381	393	416	448	488	545	595	620	631
60.0	318	318	320	320	323	324	327	330	337	345	361	385	422	461	510	528	544
62.5	278	280	280	281	285	288	286	291	295	304	315	333	359	394	431	446	458
65.0	247	259	247	252	247	251	251	254	257	263	271	285	305	333	362	374	383
67.5	212	214	214	224	222	229	225	225	221	227	231	241	257	278	303	312	320
70.0	182	181	182	183	184	184	187	192	195	196	195	202	213	228	247	255	261
72.5	154	154	154	155	156	156	156	158	160	161	166	168	175	187	196	203	206
75.0	127	127	128	128	130	129	131	131	133	132	133	137	143	146	156	158	162
77.5	102	100	102	103	103	103	104	105	106	106	106	106	109	116	119	120	124
80.0	78	77	78	78	79	79	80	80	80	81	81	81	81	82	87	89	88
82.5	53	54	54	54	55	56	56	58	58	59	59	59	56	58	58	59	59
85.0	31	30	31	33	34	34	35	35	37	36	36	36	36	35	36	35	36
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	1187	1187	1187	1187	1187	1187	1187	1187
2.5	1211	1197	1186	1173	1109	1069	1037	1042
5.0	1241	1214	1192	1167	1058	986	939	935
7.5	1269	1229	1196	1158	1006	914	857	852
10.0	1292	1240	1194	1146	955	851	794	790
12.5	1312	1248	1189	1128	907	795	745	741
15.0	1327	1251	1180	1108	861	752	707	705
17.5	1339	1252	1169	1085	818	714	677	676
20.0	1345	1248	1152	1060	777	682	651	652
22.5	1349	1239	1133	1030	739	652	628	628
25.0	1346	1227	1111	999	701	626	605	609
27.5	1340	1211	1085	966	666	601	585	589
30.0	1326	1190	1055	931	634	577	564	570
32.5	1306	1164	1023	892	601	552	545	549
35.0	1280	1134	988	854	571	529	525	529
37.5	1247	1099	949	815	540	507	503	508
40.0	1199	1056	906	773	512	483	482	483
42.5	1141	1008	863	731	483	460	457	468
45.0	1076	954	814	689	452	435	439	435
47.5	997	891	760	646	423	410	409	412
50.0	911	822	707	599	395	385	384	387
52.5	818	746	648	551	366	362	359	363
55.0	724	665	585	502	336	331	335	339
57.5	629	588	522	451	309	306	310	312
60.0	544	510	461	403	280	278	284	286
62.5	463	438	396	355	251	251	257	260
65.0	388	371	339	307	224	226	229	231
67.5	322	308	289	260	200	200	204	205
70.0	263	253	238	216	170	175	178	180
72.5	207	202	191	175	144	150	154	155
75.0	163	158	152	140	119	125	130	133
77.5	124	120	117	109	97	102	109	111
80.0	89	87	85	79	74	80	87	89
82.5	60	59	55	52	53	60	65	65
85.0	35	34	34	33	34	39	43	44
87.5	15	14	15	15	15	18	22	22
90.0	0	0	0	0	0	0	0	0