

LUMINAIRE: CWW4-35XWG-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: 2691
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 #16219
 DATE: 6/3/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 109

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.22
BASED ON 3000 HRS. AND \$.08 PER KWH

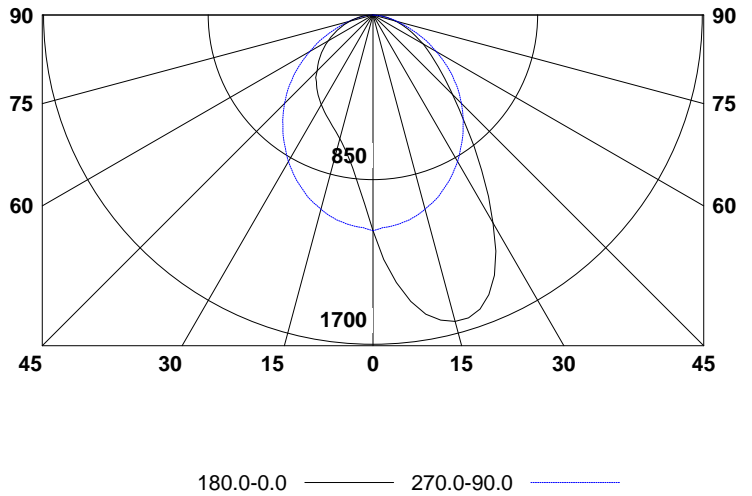
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	895	33.3	33.3
0-40	1422	52.9	52.9
0-60	2267	84.3	84.3
0-90	2691	100.0	100.0
0-180	2691	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	1113	1113	1113	1113	1113
7.5	1491	1450	1332	1152	798
15.0	1637	1604	1481	1173	661
22.5	1562	1568	1536	1161	589
30.0	1239	1305	1478	1116	534
37.5	858	926	1265	1030	476
45.0	581	623	932	894	408
52.5	414	431	616	700	341
60.0	298	306	396	478	268
67.5	198	211	241	289	192
75.0	119	123	134	148	125
82.5	50	53	53	55	61
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	9076	9076	9076	9076	9076	9076
30	11666	12231	13672	13107	8220	5028
40	7941	8495	10868	13125	7707	4822
45	6700	7046	9030	12374	7450	4705
50	5848	6064	7536	11075	7117	4605
55	5274	5402	6341	9525	6696	4507
60	4860	4958	5529	8073	6149	4371
65	4476	4534	4901	6773	5557	4187
70	4077	4125	4363	5698	4816	4029
75	3749	3812	3938	4663	4127	3938
80	3428	3475	3569	3898	3475	3898
85	2713	2994	3181	3088	2901	3930

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	1113	1113	1113	1113	1113	1113	1113	1113	1113	1113	1113	1113	1113	1113	1113	1113	1113
2.5	1263	1263	1263	1258	1251	1245	1238	1233	1234	1223	1212	1205	1194	1181	1167	1157	1151
5.0	1386	1387	1383	1378	1368	1359	1353	1342	1334	1321	1303	1287	1265	1241	1216	1204	1191
7.5	1491	1492	1488	1481	1469	1459	1450	1435	1427	1409	1382	1362	1332	1299	1265	1247	1229
10.0	1568	1566	1564	1556	1542	1533	1527	1510	1503	1477	1450	1423	1390	1351	1308	1283	1261
12.5	1613	1614	1610	1603	1592	1584	1575	1562	1557	1534	1507	1478	1440	1397	1345	1317	1290
15.0	1637	1637	1634	1627	1618	1612	1604	1594	1591	1572	1548	1518	1481	1434	1378	1347	1314
17.5	1639*	1639	1637	1631	1624	1619	1614	1606	1607	1594	1572	1546	1510	1463	1404	1370	1334
20.0	1615	1616	1615	1611	1609	1607	1603	1600	1606	1599	1581	1559	1529	1485	1425	1388	1350
22.5	1562	1564	1565	1565	1566	1568	1568	1572	1586	1587	1576	1560	1536	1496	1438	1399	1360
25.0	1482	1479	1481	1489	1497	1502	1507	1518	1540	1558	1555	1548	1530	1498	1443	1405	1364
27.5	1374	1370	1373	1386	1399	1410	1419	1443	1471	1504	1514	1519	1511	1488	1440	1403	1362
30.0	1239	1246	1250	1261	1285	1299	1305	1338	1379	1424	1452	1473	1478	1466	1426	1392	1353
32.5	1110	1111	1117	1135	1155	1165	1185	1218	1267	1322	1365	1400	1426	1427	1400	1372	1334
35.0	978	980	992	1004	1027	1037	1057	1093	1143	1206	1261	1312	1356	1373	1363	1339	1306
37.5	858	855	860	883	898	913	926	968	1011	1082	1146	1208	1265	1303	1309	1296	1267
40.0	746	752	757	767	785	798	811	842	892	950	1021	1090	1160	1221	1241	1233	1212
42.5	657	658	665	673	689	696	710	736	780	832	896	966	1050	1121	1156	1158	1147
45.0	581	582	588	594	606	611	623	645	681	725	783	850	932	1003	1062	1073	1071
47.5	514	517	519	524	532	542	545	564	591	630	684	744	818	897	958	974	980
50.0	461	462	465	469	475	478	485	498	521	550	594	643	713	791	851	873	884
52.5	414	414	417	419	424	426	431	441	462	479	514	557	616	680	749	771	785
55.0	371	371	372	375	379	380	384	391	404	420	446	482	532	588	648	670	686
57.5	333	335	335	336	339	342	343	348	357	368	390	420	458	511	557	581	592
60.0	298	298	300	300	303	304	306	309	316	323	339	361	396	432	478	495	510
62.5	260	262	262	263	267	270	268	273	277	285	295	312	337	369	404	418	429
65.0	232	243	232	236	232	235	235	238	241	246	254	267	286	312	340	351	359
67.5	198	200	200	210	208	215	211	211	207	213	217	226	241	260	284	293	300
70.0	171	170	171	172	173	173	175	180	183	184	183	189	199	214	232	239	245
72.5	144	144	144	145	146	146	146	148	150	151	156	158	164	175	184	190	193
75.0	119	119	120	120	122	121	123	123	125	124	125	128	134	137	146	148	152
77.5	96	94	96	97	97	97	98	99	100	100	100	100	102	109	112	113	116
80.0	73	72	73	73	74	74	75	75	75	76	76	76	76	77	81	83	82
82.5	50	51	51	51	52	53	53	54	54	55	55	55	53	54	54	55	55
85.0	29	28	29	31	32	32	33	33	35	34	34	34	34	33	34	33	34
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

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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	1113	1113	1113	1113	1113	1113	1113	1113
2.5	1135	1122	1112	1099	1039	1002	972	976
5.0	1163	1138	1118	1094	992	924	880	877
7.5	1190	1152	1121	1085	943	856	803	798
10.0	1211	1162	1119	1074	895	797	744	740
12.5	1230	1170	1115	1058	850	745	699	695
15.0	1244	1173	1107	1038	808	705	663	661
17.5	1255	1174	1095	1017	767	669	635	634
20.0	1261	1170	1080	994	728	640	610	611
22.5	1264	1161	1062	965	693	611	589	589
25.0	1262	1150	1041	937	657	587	567	571
27.5	1256	1135	1017	905	624	563	548	552
30.0	1243	1116	989	873	594	541	529	534
32.5	1224	1091	959	836	563	518	511	515
35.0	1200	1063	926	800	535	496	492	496
37.5	1169	1030	890	764	506	475	472	476
40.0	1124	990	849	724	480	453	452	453
42.5	1070	945	809	685	453	431	428	438
45.0	1009	894	763	646	424	408	412	408
47.5	935	835	712	605	397	384	383	386
50.0	854	771	663	561	370	361	360	363
52.5	767	700	607	517	343	340	337	341
55.0	678	623	548	471	315	310	314	317
57.5	590	551	489	423	290	287	291	293
60.0	510	478	432	377	262	260	266	268
62.5	434	411	371	333	235	235	241	244
65.0	364	348	317	288	210	212	215	217
67.5	302	289	271	244	187	187	191	192
70.0	246	237	223	202	160	164	167	169
72.5	194	189	179	164	135	140	144	145
75.0	153	148	142	131	112	117	122	125
77.5	116	113	110	102	91	96	102	104
80.0	83	81	79	74	69	75	81	83
82.5	56	55	52	49	50	56	61	61
85.0	33	32	32	31	32	37	41	42
87.5	14	13	14	14	14	17	20	20
90.0	0	0	0	0	0	0	0	0