

LUMINAIRE: CWW4-930LWG-1WR-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acrylic prisms lens
BALLAST: XI054C150V054DNT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4095
WATTS: 48.30
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = N/A 90° = N/A
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 3.92
 HEIGHT: 0.00

TEST #16.01301
 DATE: 11/6/2017
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 85

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.82
BASED ON 3000 HRS. AND \$.08 PER KWH

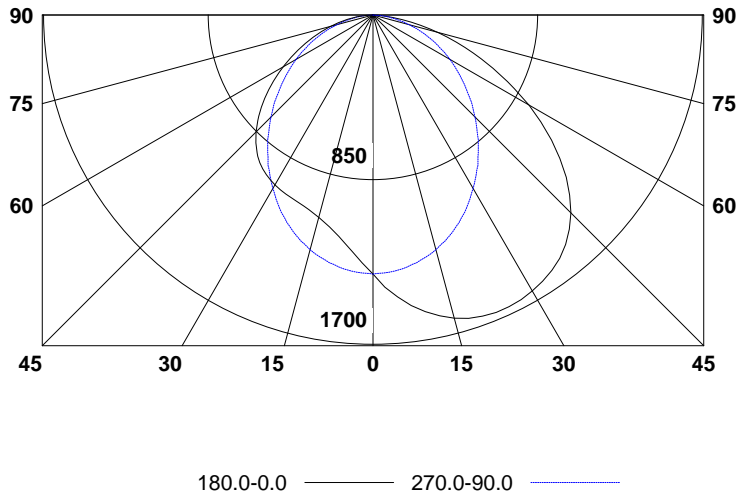
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1066	26.0	26.0
0-40	1780	43.5	43.5
0-60	3229	78.8	78.8
0-90	4095	100.0	100.0
0-180	4095	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	1337	1337	1337	1337	1337
7.5	1512	1482	1424	1338	1178
15.0	1620	1576	1467	1309	1081
22.5	1661	1609	1467	1243	1038
30.0	1644	1585	1421	1139	1012
37.5	1583	1520	1329	1005	960
45.0	1444	1394	1196	855	854
52.5	1216	1192	1015	687	703
60.0	930	926	803	522	535
67.5	624	635	561	365	374
75.0	339	359	326	216	224
82.5	117	130	126	90	97
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	14685	14685	14685	14685	14685	14685
30	20850	20254	18986	16399	13114	12835
40	22167	21450	19729	16331	12130	13334
45	22430	21777	20100	16123	11557	13265
50	22248	21769	20163	15806	11038	12918
55	21543	21217	19839	15185	10532	12390
60	20430	20276	19112	14542	10083	11752
65	18686	19024	18167	13619	9564	10994
70	16828	17245	16828	12685	8992	10373
75	14386	14981	15108	11246	8233	9506
80	11575	12334	12904	9741	7464	8729
85	8318	9074	10334	8318	7058	7940

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: CWW4-930LWG-1WR-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acylic prisms lens

TEST #16.01301
DATE: 11/6/2017

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	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337
2.5	1406	1406	1405	1402	1396	1393	1389	1386	1389	1385	1380	1377	1373	1366	1358	1353	1350
5.0	1460	1461	1459	1455	1447	1442	1439	1433	1433	1426	1415	1409	1400	1390	1376	1370	1364
7.5	1512	1510	1507	1501	1493	1486	1482	1474	1472	1461	1447	1437	1424	1409	1391	1382	1373
10.0	1554	1553	1549	1542	1532	1525	1518	1508	1504	1491	1475	1459	1443	1424	1401	1390	1379
12.5	1590	1588	1586	1577	1565	1557	1549	1538	1532	1516	1496	1478	1457	1433	1407	1393	1379
15.0	1620	1618	1614	1603	1591	1583	1576	1561	1555	1536	1514	1491	1467	1439	1408	1392	1376
17.5	1641	1638	1634	1622	1610	1602	1594	1578	1570	1550	1526	1499	1472	1441	1406	1386	1368
20.0	1654	1650	1646	1636	1622	1612	1604	1587	1579	1558	1531	1502	1472	1437	1398	1376	1355
22.5	1661*	1657	1652	1641	1627	1618	1609	1591	1580	1561	1532	1501	1467	1429	1386	1362	1340
25.0	1661	1657	1652	1640	1625	1616	1607	1588	1575	1556	1525	1492	1457	1416	1370	1344	1319
27.5	1656	1652	1645	1633	1619	1609	1600	1579	1565	1547	1514	1479	1442	1398	1350	1322	1294
30.0	1644	1640	1633	1621	1605	1597	1585	1564	1548	1532	1497	1461	1421	1374	1324	1293	1264
32.5	1629	1624	1617	1605	1588	1577	1568	1546	1526	1510	1474	1438	1394	1346	1292	1261	1229
35.0	1609	1604	1597	1585	1567	1556	1546	1522	1500	1483	1446	1409	1363	1314	1257	1226	1194
37.5	1583	1579	1571	1557	1540	1530	1520	1494	1471	1451	1415	1373	1329	1279	1224	1191	1154
40.0	1546	1543	1534	1524	1507	1496	1485	1460	1434	1413	1376	1335	1292	1235	1171	1139	1106
42.5	1500	1498	1489	1480	1464	1455	1444	1420	1394	1371	1335	1297	1243	1187	1128	1094	1058
45.0	1444	1440	1434	1428	1413	1402	1394	1373	1346	1320	1294	1243	1196	1136	1070	1038	1007
47.5	1376	1375	1368	1362	1350	1345	1334	1315	1290	1269	1238	1195	1140	1082	1018	979	944
50.0	1302	1298	1295	1291	1282	1274	1268	1251	1229	1205	1180	1133	1084	1020	958	925	891
52.5	1216	1214	1212	1210	1202	1198	1192	1178	1161	1136	1107	1075	1015	962	891	861	830
55.0	1125	1122	1121	1117	1112	1108	1107	1097	1080	1058	1036	1000	947	896	826	793	763
57.5	1027	1024	1024	1026	1022	1020	1017	1009	995	980	954	925	876	825	761	727	699
60.0	930	927	929	932	930	923	926	921	909	891	870	844	803	752	693	662	633
62.5	822	824	826	826	829	830	829	822	813	801	785	757	724	677	623	596	568
65.0	719	722	725	727	732	732	730	729	722	713	699	673	643	598	557	524	501
67.5	624	623	622	625	632	633	635	637	637	622	611	586	561	523	482	464	440
70.0	524	523	527	527	534	537	543	543	545	533	524	502	480	446	412	395	375
72.5	426	425	429	436	440	443	445	451	451	449	437	424	399	373	341	327	313
75.0	339	339	342	345	349	353	359	362	366	364	356	344	326	304	277	265	252
77.5	259	259	259	262	269	272	274	280	286	281	280	268	256	236	217	208	197
80.0	183	183	183	186	192	195	196	199	206	204	204	196	188	174	161	154	147
82.5	117	119	119	124	126	128	130	134	136	139	135	135	126	119	111	105	102
85.0	66	66	68	69	70	72	75	77	81	82	82	78	77	73	68	66	63
87.5	23	23	24	24	26	26	27	29	31	33	33	34	33	33	31	31	29
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*MAXIMUM CANDELA VALUE

LUMINAIRE: CWW4-930LWG-1WR-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acrylic prisms lens

TEST #16.01301
DATE: 11/6/2017

CANDELA VALUES

ANGLE	75.0	80.0	85.0	90.0	112.5	135.0	157.5	180.0
0.0	1337	1337	1337	1337	1337	1337	1337	1337
2.5	1341	1335	1334	1332	1303	1288	1273	1280
5.0	1351	1338	1333	1325	1276	1246	1224	1226
7.5	1355	1338	1327	1313	1244	1203	1177	1178
10.0	1355	1333	1316	1298	1212	1163	1135	1138
12.5	1350	1323	1301	1277	1176	1124	1101	1106
15.0	1342	1309	1283	1254	1138	1086	1073	1081
17.5	1329	1291	1260	1226	1099	1053	1050	1062
20.0	1311	1269	1232	1194	1058	1023	1032	1048
22.5	1290	1243	1201	1160	1018	994	1016	1038
25.0	1263	1210	1164	1121	976	968	1002	1030
27.5	1233	1177	1126	1078	936	942	991	1022
30.0	1200	1139	1085	1034	895	918	979	1012
32.5	1162	1097	1042	988	856	893	965	999
35.0	1127	1058	1001	945	817	870	948	981
37.5	1076	1005	944	893	780	847	927	960
40.0	1034	962	901	846	739	819	902	930
42.5	979	906	846	793	703	790	872	895
45.0	932	855	796	744	663	760	837	854
47.5	870	800	743	697	625	728	798	806
50.0	813	742	690	646	589	690	752	756
52.5	759	687	637	597	550	651	704	703
55.0	697	633	584	550	510	609	650	647
57.5	637	577	535	503	473	564	600	591
60.0	575	522	484	459	435	519	547	535
62.5	512	468	435	413	394	473	493	481
65.0	456	417	386	368	355	424	439	423
67.5	397	365	339	322	313	377	385	374
70.0	340	314	292	280	273	329	332	323
72.5	287	265	249	236	233	279	282	271
75.0	232	216	204	194	191	232	231	224
77.5	180	169	161	156	154	187	185	181
80.0	134	127	122	118	117	143	141	138
82.5	95	90	88	85	84	100	100	97
85.0	58	56	55	56	54	65	64	63
87.5	29	28	27	30	28	31	31	30
90.0	0	0	0	0	0	0	0	0