

LUMINAIRE: CWW4-930MWG-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: 2661
WATTS: 27.70
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 #16.01029
 DATE: 11/6/2017
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 96

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.53
BASED ON 3000 HRS. AND \$.08 PER KWH

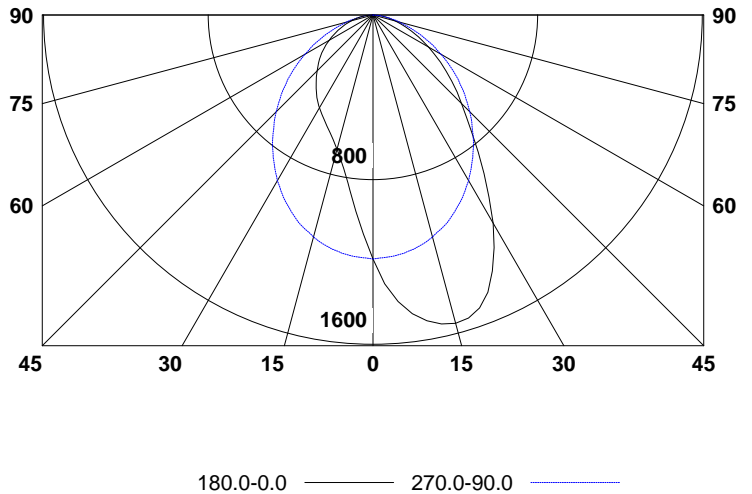
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	889	33.4	33.4
0-40	1402	52.7	52.7
0-60	2243	84.3	84.3
0-90	2661	100.0	100.0
0-180	2661	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	25.0	55.0	80.0	180.0
0.0	1185	1185	1185	1185	1185
7.5	1463	1429	1352	1216	860
15.0	1550	1519	1442	1224	675
22.5	1458	1462	1461	1200	584
30.0	1167	1215	1388	1143	520
37.5	840	895	1185	1047	452
45.0	608	638	889	900	384
52.5	448	466	607	703	319
60.0	311	327	403	487	246
67.5	199	210	253	300	173
75.0	113	119	138	155	109
82.5	53	54	56	58	54
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	13016	13016	13016	13016	13016	13016
30	14801	15283	17160	17058	11782	6595
40	10711	11284	13894	16890	10840	6151
45	9444	9770	11914	15937	10330	5965
50	8527	8783	10201	14405	9774	5827
55	7660	7890	8924	12639	9134	5630
60	6832	7095	7930	10896	8391	5404
65	6082	6315	6991	9278	7537	5120
70	5363	5620	6262	7964	6616	4849
75	4795	5008	5517	6620	5687	4626
80	4491	4617	4934	5440	4807	4491
85	4411	4537	4537	4411	3907	4411

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

TEST #16.01029
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	1185	1185	1185	1185	1185	1185	1185	1185	1185	1185	1185	1185	1185	1185	1185	1185	1185
2.5	1307	1305	1304	1300	1293	1288	1284	1280	1281	1272	1265	1260	1250	1240	1228	1222	1216
5.0	1397	1394	1392	1387	1377	1372	1366	1358	1359	1344	1332	1321	1306	1288	1269	1258	1248
7.5	1463	1461	1458	1452	1441	1436	1429	1420	1419	1402	1388	1372	1352	1330	1304	1290	1276
10.0	1508	1506	1503	1494	1486	1479	1473	1464	1464	1448	1431	1412	1390	1365	1334	1316	1298
12.5	1537	1535	1531	1523	1513	1507	1503	1494	1495	1480	1462	1442	1421	1392	1357	1337	1317
15.0	1550*	1549	1544	1538	1529	1524	1519	1512	1514	1500	1484	1465	1442	1413	1375	1353	1331
17.5	1543	1542	1539	1534	1527	1524	1520	1516	1520	1511	1497	1478	1456	1427	1388	1365	1340
20.0	1514	1513	1509	1508	1506	1503	1502	1503	1512	1509	1498	1483	1463	1435	1396	1372	1346
22.5	1458	1454	1454	1457	1460	1461	1462	1469	1485	1492	1486	1477	1461	1437	1399	1374	1347
25.0	1372	1373	1375	1382	1388	1394	1399	1415	1437	1456	1460	1459	1449	1430	1395	1371	1343
27.5	1274	1274	1278	1289	1299	1309	1316	1341	1371	1400	1417	1426	1426	1414	1385	1362	1334
30.0	1167	1168	1168	1181	1198	1205	1215	1246	1282	1323	1353	1376	1388	1388	1366	1345	1319
32.5	1049	1055	1060	1068	1087	1095	1110	1140	1184	1232	1273	1307	1336	1348	1337	1319	1296
35.0	940	946	952	960	980	988	1004	1034	1074	1131	1181	1226	1269	1295	1297	1285	1265
37.5	840	841	847	859	873	885	895	929	968	1020	1080	1132	1185	1225	1242	1240	1225
40.0	747	751	756	762	777	787	797	823	863	913	969	1025	1090	1145	1179	1178	1169
42.5	672	676	679	684	696	704	711	732	767	812	865	921	992	1052	1101	1108	1107
45.0	608	611	614	616	626	629	638	654	681	719	767	822	889	957	1010	1026	1031
47.5	554	552	553	558	565	567	571	583	604	633	674	727	788	857	917	939	946
50.0	499	502	503	505	510	514	517	525	542	566	597	639	696	762	820	843	858
52.5	448	451	453	454	459	461	466	472	485	502	528	562	607	669	727	750	766
55.0	400	400	402	405	409	412	417	422	430	447	466	493	531	581	633	660	676
57.5	353	355	357	358	364	367	369	375	383	393	409	433	464	505	552	573	588
60.0	311	311	313	317	322	323	327	332	337	348	361	380	403	437	474	496	510
62.5	272	272	274	276	280	281	283	288	294	301	312	328	349	376	408	422	433
65.0	234	233	235	238	242	243	245	249	255	261	269	281	297	321	346	357	366
67.5	199	199	200	203	206	208	210	213	217	223	232	241	253	270	290	300	307
70.0	167	167	168	171	173	175	177	182	185	189	195	200	210	222	239	248	253
72.5	138	139	140	141	144	145	147	150	154	157	160	164	172	181	192	197	200
75.0	113	114	115	116	117	118	119	123	125	127	130	134	138	143	151	156	158
77.5	91	92	92	93	93	95	95	97	99	101	103	105	107	111	115	119	121
80.0	71	71	72	72	73	73	73	75	75	76	78	79	80	82	84	86	87
82.5	53	53	53	53	53	54	54	54	55	55	55	56	56	57	58	58	58
85.0	35	35	35	35	35	36	36	36	36	36	36	36	35	35	35	35	35
87.5	16	16	16	17	17	17	18	17	17	18	18	18	17	17	17	17	16
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

*MAXIMUM CANDELA VALUE

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

TEST #16.01029
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	1185	1185	1185	1185	1185	1185	1185	1185
2.5	1203	1192	1187	1180	1126	1091	1062	1065
5.0	1226	1206	1191	1175	1078	1009	961	957
7.5	1245	1216	1191	1166	1026	929	868	860
10.0	1261	1223	1189	1154	976	859	794	780
12.5	1272	1225	1182	1137	921	796	733	720
15.0	1280	1224	1172	1116	870	739	682	675
17.5	1283	1219	1158	1092	820	692	644	639
20.0	1283	1212	1141	1067	773	654	615	609
22.5	1279	1200	1120	1035	727	619	587	584
25.0	1271	1185	1094	1002	686	590	563	561
27.5	1259	1166	1066	966	647	563	541	540
30.0	1242	1143	1035	929	610	540	521	520
32.5	1220	1114	1000	886	576	514	499	499
35.0	1191	1083	963	845	543	492	479	478
37.5	1156	1047	921	802	514	469	456	452
40.0	1110	1004	878	756	482	445	431	429
42.5	1059	956	832	711	454	422	408	407
45.0	994	900	781	665	425	397	384	384
47.5	924	842	728	617	398	372	362	362
50.0	847	774	675	572	370	347	340	341
52.5	764	703	616	525	342	321	317	319
55.0	679	631	553	477	314	297	295	294
57.5	593	559	498	428	286	272	272	272
60.0	516	487	436	382	260	249	249	246
62.5	440	421	380	337	231	225	223	221
65.0	373	358	325	290	205	201	199	197
67.5	310	300	275	248	180	178	175	173
70.0	254	247	227	206	155	154	152	151
72.5	203	196	186	167	130	130	129	131
75.0	161	155	146	134	108	109	109	109
77.5	122	118	112	104	87	88	89	90
80.0	87	85	81	76	66	68	71	71
82.5	59	58	55	50	46	49	52	54
85.0	35	33	32	31	30	33	36	35
87.5	16	15	14	14	14	16	16	16
90.0	0	0	0	0	0	0	0	0