

LUMINAIRE: CWW4-935MWG-2WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acrylic prisms lens
 Scaled from Test#16.01166
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2912
WATTS: 28.60
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.17 90° = 1.26
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 3.92
 HEIGHT: 0.00

TEST #16340

DATE: 11/6/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 102

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.40

BASED ON 3000 HRS. AND \$.08 PER KWH

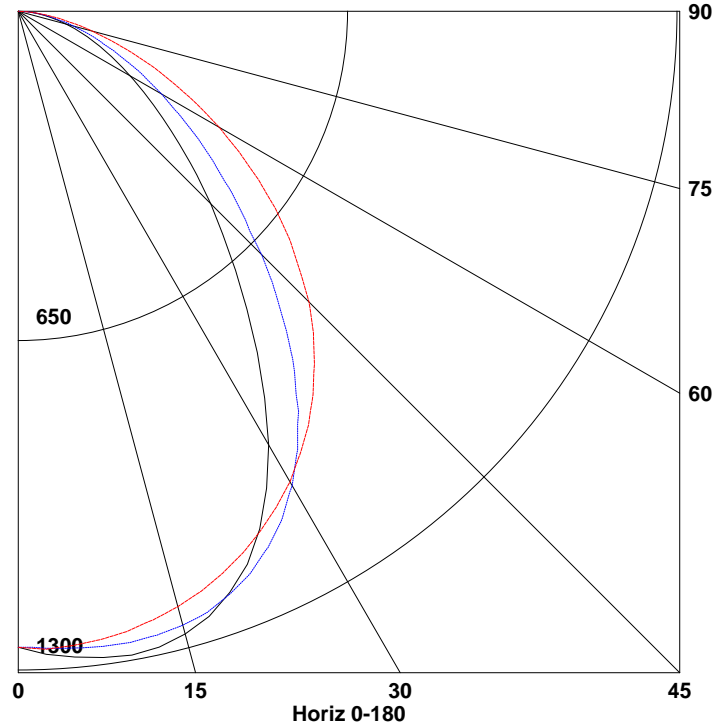
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	994	34.1	34.1
0-40	1579	54.2	54.2
0-60	2498	85.8	85.8
0-90	2912	100.0	100.0
0-180	2912	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M					
	0.0	20.0	35.0	55.0	70.0	90.0
0	13784	13784	13784	13784	13784	13784
30	12531	12822	13330	13862	13837	13596
40	9563	9850	10868	12617	13263	13033
45	8341	8512	9475	11572	12660	12597
50	7211	7382	8219	10270	11773	11927
55	6319	6492	7200	9077	10666	11068
60	5580	5690	6371	7908	9512	10061
65	5016	5094	5536	6913	8343	8862
70	4560	4592	4946	5973	7129	7675
75	4159	4159	4414	5177	5984	6451
80	3795	3732	3922	4301	4870	5313
85	3907	3529	3655	3781	4033	4159

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

COEFFICIENTS OF UTILIZATION (%)

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

ZONAL CAVITY METHOD

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%						
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100
1	110	106	102	99	107	104	100	97	99	96	94	95	93	91	92	90	88	86	86
2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74	74
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64	64
R	4	86	75	67	60	83	73	66	60	71	64	59	69	63	58	67	62	58	56
C	5	79	67	59	53	77	66	58	52	64	57	52	62	56	51	60	55	51	49
R	6	74	61	53	47	72	60	52	46	58	51	46	57	50	46	55	50	45	43
	7	68	56	47	42	67	55	47	41	53	46	41	52	46	41	51	45	41	39
	8	64	51	43	37	62	50	43	37	49	42	37	48	42	37	47	41	37	35
	9	60	47	39	34	58	46	39	34	45	38	34	44	38	34	43	38	33	32
	10	56	44	36	31	55	43	36	31	42	35	31	41	35	31	40	35	31	29

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.
 ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.
 THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: _____

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3" x 48" led with frosted acrylic prisms lens
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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	1255	1255	1255	1255	1255	1255	1255	1255	1255	1255	1255	1255	1255	1255	1255	1255	1255
2.5	1270	1263	1263	1260	1257	1259	1252	1252	1255	1255	1258	1254	1254	1253	1251	1252	1248
5.0	1279	1269	1268	1265	1261	1266	1256	1255	1258	1256	1261	1254	1252	1251	1248	1251	1245
7.5	1286	1275	1273	1270	1265	1272	1260	1258	1261	1258	1264	1254	1251	1249	1245	1248	1239
10.0	1290*	1278	1275	1272	1267	1274	1261	1260	1262	1259	1265	1252	1249	1245	1239	1245	1234
12.5	1285	1275	1272	1269	1264	1271	1258	1256	1259	1256	1261	1248	1243	1238	1232	1237	1225
15.0	1272	1263	1261	1257	1253	1259	1248	1247	1251	1248	1254	1239	1234	1229	1224	1228	1215
17.5	1252	1244	1243	1238	1235	1241	1231	1231	1236	1235	1243	1229	1223	1218	1212	1216	1203
20.0	1220	1216	1214	1212	1209	1215	1207	1207	1215	1215	1223	1211	1208	1204	1197	1201	1187
22.5	1181	1178	1178	1176	1176	1178	1175	1178	1185	1188	1199	1189	1187	1183	1178	1181	1168
25.0	1127	1130	1129	1130	1131	1135	1134	1137	1150	1156	1167	1161	1161	1160	1155	1159	1146
27.5	1061	1068	1068	1072	1076	1079	1082	1091	1106	1115	1128	1126	1129	1131	1128	1132	1120
30.0	988	995	998	1005	1011	1012	1022	1032	1051	1067	1081	1086	1093	1097	1098	1102	1091
32.5	905	910	914	923	932	937	947	964	987	1008	1026	1038	1050	1057	1060	1065	1056
35.0	822	824	828	839	850	860	869	889	916	944	964	985	999	1012	1018	1025	1018
37.5	741	740	744	756	769	781	788	808	837	869	895	923	943	961	971	977	975
40.0	667	660	664	672	687	703	704	731	758	791	823	855	880	902	916	927	925
42.5	597	588	592	599	615	634	630	653	682	716	750	785	815	841	859	871	872
45.0	537	522	528	534	548	569	563	583	610	641	679	713	745	775	797	811	815
47.5	478	464	470	477	487	505	499	518	539	570	607	638	673	706	734	744	752
50.0	422	414	416	423	432	451	445	460	481	506	544	570	601	637	665	680	689
52.5	373	367	369	376	384	400	395	408	428	449	483	505	535	571	598	613	624
55.0	330	323	326	331	339	352	348	360	376	394	427	445	474	504	532	547	557
57.5	291	285	288	292	297	308	307	318	330	346	374	389	415	442	474	485	495
60.0	254	249	250	254	259	271	268	277	290	303	327	341	360	387	410	424	433
62.5	222	217	218	222	226	234	233	239	250	262	282	293	312	333	355	366	376
65.0	193	189	190	193	196	203	200	205	213	223	240	251	266	284	303	312	321
67.5	166	163	163	165	167	175	172	177	183	191	204	210	224	240	254	264	270
70.0	142	139	140	141	143	148	146	149	154	160	171	176	186	199	210	218	222
72.5	120	116	117	118	119	124	122	125	127	132	140	144	151	160	172	178	180
75.0	98	96	96	96	98	101	99	102	104	107	113	115	122	128	134	141	141
77.5	78	77	77	77	78	81	79	80	82	84	90	90	93	98	102	107	107
80.0	60	58	58	59	59	62	60	60	62	63	66	65	68	71	74	78	77
82.5	44	42	42	43	43	45	43	43	44	45	47	46	47	49	50	52	52
85.0	31	28	28	28	28	30	28	29	29	29	31	29	30	30	30	32	32
87.5	16	14	14	13	14	16	14	14	14	14	15	14	14	14	14	15	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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3" x 48" led with frosted acylic prised lens
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CANDELA VALUES

ANGLE	75.0	80.0	85.0	90.0
0.0	1255	1255	1255	1255
2.5	1245	1243	1250	1260
5.0	1241	1237	1247	1256
7.5	1235	1231	1241	1250
10.0	1228	1224	1231	1242
12.5	1218	1213	1220	1230
15.0	1207	1200	1206	1216
17.5	1194	1185	1190	1200
20.0	1176	1168	1172	1180
22.5	1157	1146	1149	1157
25.0	1133	1123	1125	1131
27.5	1107	1097	1097	1103
30.0	1078	1066	1065	1072
32.5	1043	1032	1030	1035
35.0	1007	994	992	998
37.5	966	955	952	955
40.0	919	908	905	909
42.5	870	861	857	862
45.0	818	811	807	811
47.5	762	752	751	752
50.0	700	698	695	698
52.5	638	639	636	640
55.0	574	577	575	578
57.5	512	515	514	517
60.0	449	456	456	458
62.5	390	396	396	398
65.0	334	340	340	341
67.5	281	289	289	290
70.0	232	239	240	239
72.5	187	191	192	192
75.0	146	151	152	152
77.5	111	115	116	116
80.0	80	83	83	84
82.5	53	53	55	55
85.0	31	32	32	33
87.5	14	14	14	14
90.0	0	0	0	0