

LUMINAIRE: CWW4-930MWG-2WW-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: 2852
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 #16.01166
 DATE: 11/6/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 100

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.45
BASED ON 3000 HRS. AND \$.08 PER KWH

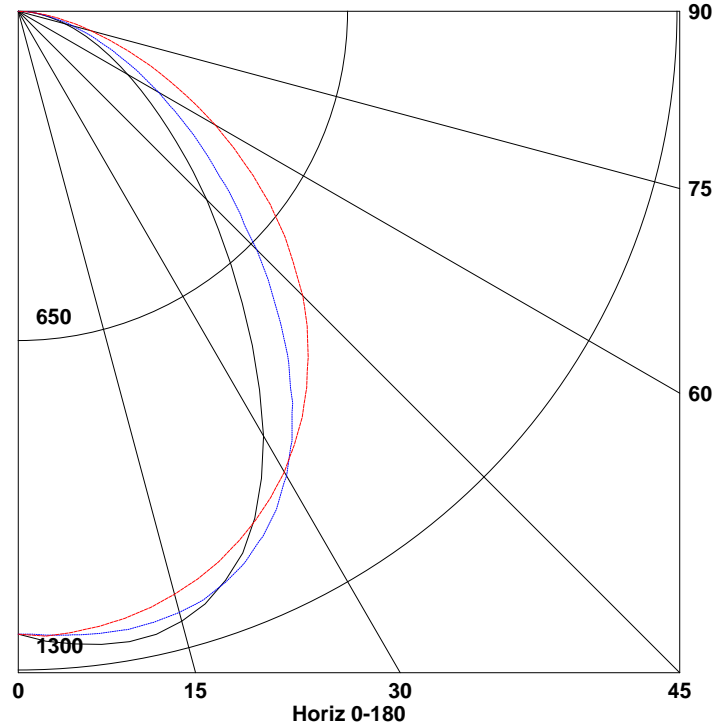
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	974	34.1	34.1
0-40	1546	54.2	54.2
0-60	2446	85.8	85.8
0-90	2852	100.0	100.0
0-180	2852	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M					
	0.0	20.0	35.0	55.0	70.0	90.0
0	13499	13499	13499	13499	13499	13499
30	12277	12556	13051	13583	13558	13317
40	9363	9650	10639	12359	12990	12761
45	8170	8341	9273	11339	12395	12333
50	7057	7228	8048	10065	11534	11688
55	6185	6358	7047	8885	10456	10839
60	5470	5580	6239	7754	9314	9863
65	4912	4990	5432	6783	8161	8680
70	4464	4496	4849	5845	6969	7515
75	4074	4074	4329	5050	5856	6323
80	3732	3669	3858	4238	4744	5187
85	3781	3403	3529	3655	3907	4033

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 130.0 ———

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

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: _____

LUMINAIRE: CWW4-930MWG-2WW-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acylic prisms lens

TEST #16.01166
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	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229	1229
2.5	1244	1237	1237	1234	1231	1233	1226	1226	1229	1229	1232	1228	1228	1227	1225	1226	1222
5.0	1253	1243	1242	1239	1235	1240	1230	1229	1232	1230	1235	1228	1226	1225	1222	1225	1219
7.5	1260	1249	1247	1244	1239	1246	1234	1232	1235	1232	1238	1228	1225	1223	1219	1222	1214
10.0	1263*	1252	1249	1246	1241	1248	1235	1234	1236	1233	1239	1226	1223	1219	1214	1219	1209
12.5	1259	1249	1246	1243	1238	1245	1232	1230	1233	1230	1235	1222	1217	1213	1207	1212	1200
15.0	1246	1237	1235	1231	1227	1233	1222	1221	1225	1222	1228	1214	1209	1204	1199	1203	1190
17.5	1226	1218	1217	1213	1210	1215	1206	1206	1211	1210	1217	1204	1198	1193	1187	1191	1178
20.0	1195	1191	1189	1187	1184	1190	1182	1182	1190	1190	1198	1186	1183	1179	1172	1176	1163
22.5	1157	1154	1154	1152	1152	1154	1151	1154	1161	1164	1174	1165	1163	1159	1154	1157	1144
25.0	1104	1107	1106	1107	1108	1112	1111	1114	1126	1132	1143	1137	1137	1136	1131	1135	1122
27.5	1039	1046	1046	1050	1054	1057	1060	1069	1083	1092	1105	1103	1106	1108	1105	1109	1097
30.0	968	975	977	984	990	991	1001	1011	1029	1045	1059	1064	1071	1074	1075	1079	1069
32.5	886	891	895	904	913	918	928	944	967	987	1005	1017	1028	1035	1038	1043	1034
35.0	805	807	811	822	833	842	851	871	897	925	944	965	978	991	997	1004	997
37.5	726	725	729	740	753	765	772	791	820	851	877	904	924	941	951	957	955
40.0	653	646	650	658	673	689	690	716	742	775	806	837	862	883	897	908	906
42.5	585	576	580	587	602	621	617	640	668	701	735	769	798	824	841	853	854
45.0	526	511	517	523	537	557	551	571	597	628	665	698	730	759	781	794	798
47.5	468	454	460	467	477	495	489	507	528	558	595	625	659	691	719	729	737
50.0	413	405	407	414	423	442	436	451	471	496	533	558	589	624	651	666	675
52.5	365	359	361	368	376	392	387	400	419	440	473	495	524	559	586	600	611
55.0	323	316	319	324	332	345	341	353	368	386	418	436	464	494	521	536	546
57.5	285	279	282	286	291	302	301	311	323	339	366	381	406	433	464	475	485
60.0	249	244	245	249	254	265	262	271	284	297	320	334	353	379	402	415	424
62.5	217	213	214	217	221	229	228	234	245	257	276	287	306	326	348	358	368
65.0	189	185	186	189	192	199	196	201	209	218	235	246	261	278	297	306	314
67.5	163	160	160	162	164	171	168	173	179	187	200	206	219	235	249	259	264
70.0	139	136	137	138	140	145	143	146	151	157	167	172	182	195	206	214	217
72.5	118	114	115	116	117	121	119	122	124	129	137	141	148	157	168	174	176
75.0	96	94	94	94	96	99	97	100	102	105	111	113	119	125	131	138	138
77.5	76	75	75	75	76	79	77	78	80	82	88	88	91	96	100	105	105
80.0	59	57	57	58	58	61	59	59	61	62	65	64	67	70	72	76	75
82.5	43	41	41	42	42	44	42	42	43	44	46	45	46	48	49	51	51
85.0	30	27	27	27	27	29	27	28	28	28	30	28	29	29	29	31	31
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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CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acrylic prisms lens

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DATE: 11/6/2017

CANDELA VALUES

ANGLE	75.0	80.0	85.0	90.0
0.0	1229	1229	1229	1229
2.5	1219	1217	1224	1234
5.0	1215	1212	1221	1230
7.5	1210	1206	1215	1224
10.0	1203	1199	1206	1216
12.5	1193	1188	1195	1205
15.0	1182	1175	1181	1191
17.5	1169	1161	1166	1175
20.0	1152	1144	1148	1156
22.5	1133	1122	1125	1133
25.0	1110	1100	1102	1108
27.5	1084	1074	1074	1080
30.0	1056	1044	1043	1050
32.5	1022	1011	1009	1014
35.0	986	974	972	977
37.5	946	935	932	935
40.0	900	889	886	890
42.5	852	843	839	844
45.0	801	794	790	794
47.5	746	737	736	737
50.0	686	684	681	684
52.5	625	626	623	627
55.0	562	565	563	566
57.5	501	504	503	506
60.0	440	447	447	449
62.5	382	388	388	390
65.0	327	333	333	334
67.5	275	283	283	284
70.0	227	234	235	234
72.5	183	187	188	188
75.0	143	148	149	149
77.5	109	113	114	114
80.0	78	81	81	82
82.5	52	52	54	54
85.0	30	31	31	32
87.5	14	14	14	14
90.0	0	0	0	0