

LUMINAIRE: CWW2-940LWG-2WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 24" led with frosted acrylic prisms lens
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2721
WATTS: 29.40
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.15 90° = 1.26
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 1.92
 HEIGHT: 0.00

TEST #16.01163
 DATE: 11/6/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 93

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.55
BASED ON 3000 HRS. AND \$.08 PER KWH

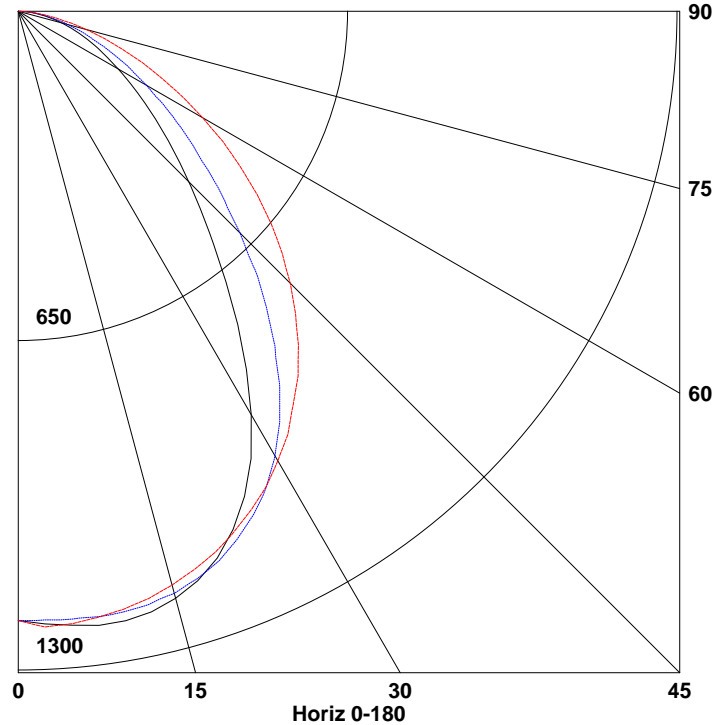
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	943	34.7	34.7
0-40	1491	54.8	54.8
0-60	2340	86.0	86.0
0-90	2721	100.0	100.0
0-180	2721	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M					
	0.0	20.0	35.0	55.0	70.0	90.0
0	26955	26955	26955	26955	26955	26955
30	23797	24625	25687	26723	26593	26515
40	17535	18559	20696	24180	25351	25175
45	15096	15888	17886	21914	24007	24071
50	13152	13815	15455	19432	22363	22711
55	11494	12120	13527	16968	20213	20917
60	10226	10854	11885	14845	17761	18837
65	9233	9604	10612	12947	15547	16555
70	8392	8786	9310	11277	13179	14293
75	7711	7971	8404	9791	11177	12043
80	6974	7232	7490	8265	9169	9815
85	6433	6690	6947	7205	7462	7719

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 1300 ———

COEFFICIENTS OF UTILIZATION (%)

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

ZONAL CAVITY METHOD

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																				
	80%				70%				50%				30%				10%		0%		
RW	70%	50%	30%	10%	70%	50%	30%	10%	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	102	102	100
1	110	106	102	99	107	104	100	97	99	97	94	96	93	91	92	90	88	86	86	86	86
2	101	94	88	83	99	92	86	82	88	84	80	85	81	78	82	79	76	74	74	74	74
3	93	84	76	70	91	82	75	70	79	73	68	76	71	67	74	70	66	64	64	64	64
R	4	86	75	67	84	74	66	60	71	65	59	69	63	59	67	62	58	56	56	56	56
C	5	79	68	59	53	77	66	59	53	64	57	52	62	56	52	61	55	51	49	49	49
R	6	74	61	53	47	72	60	52	47	59	52	46	57	51	46	55	50	46	44	44	44
	7	69	56	48	42	67	55	47	42	54	47	41	52	46	41	51	45	41	39	39	39
	8	64	51	43	38	63	51	43	38	49	42	37	48	42	37	47	41	37	35	35	35
	9	60	47	40	34	59	47	39	34	46	39	34	45	38	34	44	38	34	32	32	32
	10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	41	35	31	29	29	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: _____

LUMINAIRE: CWW2-940LWG-2WW-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 24" led with frosted acylic prisms lens

TEST #16.01163
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	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202	1202
2.5	1210	1204	1205	1204	1204	1208	1203	1202	1201	1200	1202	1200	1200	1198	1194	1194	1190
5.0	1216	1208	1208	1207	1206	1212	1205	1203	1201	1200	1204	1198	1197	1195	1191	1192	1186
7.5	1222*	1212	1212	1210	1208	1216	1207	1205	1203	1200	1205	1197	1195	1192	1186	1189	1182
10.0	1221	1213	1211	1209	1208	1214	1206	1204	1202	1199	1203	1194	1191	1187	1180	1183	1174
12.5	1214	1206	1204	1204	1202	1208	1201	1199	1197	1194	1198	1189	1186	1181	1172	1176	1166
15.0	1199	1193	1192	1190	1189	1195	1188	1188	1186	1185	1189	1180	1177	1172	1163	1166	1155
17.5	1178	1174	1172	1171	1170	1175	1170	1172	1170	1174	1167	1165	1165	1160	1150	1153	1142
20.0	1148	1148	1146	1146	1147	1148	1148	1148	1149	1149	1155	1149	1148	1144	1136	1137	1125
22.5	1107	1111	1112	1111	1112	1114	1116	1119	1121	1124	1128	1127	1126	1124	1115	1118	1106
25.0	1056	1064	1064	1066	1072	1068	1076	1081	1086	1091	1097	1100	1101	1099	1093	1095	1084
27.5	995	1004	1005	1009	1018	1014	1025	1036	1043	1051	1059	1066	1070	1070	1066	1068	1058
30.0	919	933	936	942	951	948	965	977	992	1005	1013	1026	1032	1037	1035	1037	1027
32.5	838	848	853	864	876	875	891	911	930	946	960	979	991	995	997	999	993
35.0	755	764	769	782	795	796	813	836	860	880	899	928	940	950	959	962	958
37.5	673	682	688	698	715	714	734	756	783	811	832	865	888	904	911	913	911
40.0	599	603	608	621	634	641	653	678	707	740	761	802	826	844	861	864	866
42.5	534	535	540	552	564	573	581	605	633	663	691	731	764	784	803	811	816
45.0	476	476	480	490	501	510	517	538	564	594	619	664	691	723	745	750	757
47.5	422	424	429	434	443	452	459	477	497	526	552	589	625	657	682	689	699
50.0	377	377	380	388	396	403	408	424	443	463	490	524	557	589	619	629	641
52.5	334	336	338	345	352	358	362	376	391	411	434	464	494	526	556	568	581
55.0	294	296	298	304	310	315	319	331	346	361	382	409	434	464	492	504	517
57.5	259	261	263	268	273	276	280	291	304	320	336	358	381	405	432	443	457
60.0	228	236	237	237	242	242	246	255	265	277	292	311	331	353	379	387	396
62.5	199	202	203	206	210	210	218	222	229	241	253	268	285	305	324	333	343
65.0	174	177	177	179	181	182	186	191	200	207	216	229	244	261	276	283	293
67.5	151	153	153	155	157	157	160	163	169	176	184	195	206	218	234	240	245
70.0	128	130	131	132	134	133	136	138	142	147	153	164	172	182	193	198	201
72.5	108	109	109	111	112	112	113	115	119	123	127	134	141	148	156	159	165
75.0	89	90	90	91	92	92	93	95	97	99	102	107	113	117	124	126	129
77.5	71	72	72	73	74	73	74	75	76	78	80	83	87	90	95	97	98
80.0	54	55	55	55	56	55	56	57	58	58	59	62	64	66	69	70	71
82.5	38	40	40	40	40	40	41	41	41	42	42	43	44	46	46	47	48
85.0	25	26	26	26	26	26	26	27	27	27	27	28	28	28	29	29	29
87.5	12	12	12	13	13	13	12	13	13	14	13	14	14	14	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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DATE: 11/6/2017

CANDELA VALUES

ANGLE	75.0	80.0	85.0	90.0
0.0	1202	1202	1202	1202
2.5	1189	1192	1202	1216
5.0	1185	1188	1199	1213
7.5	1179	1182	1193	1206
10.0	1172	1174	1184	1198
12.5	1162	1164	1173	1187
15.0	1150	1150	1160	1172
17.5	1136	1135	1144	1155
20.0	1119	1117	1124	1136
22.5	1099	1096	1102	1112
25.0	1076	1072	1076	1086
27.5	1051	1047	1049	1058
30.0	1021	1014	1015	1024
32.5	987	982	982	990
35.0	949	942	939	946
37.5	911	905	902	907
40.0	861	857	855	860
42.5	817	810	807	810
45.0	765	762	757	759
47.5	707	708	707	706
50.0	649	651	649	651
52.5	591	594	594	594
55.0	529	535	535	535
57.5	470	481	480	479
60.0	415	420	420	420
62.5	356	367	367	365
65.0	303	313	315	312
67.5	257	263	264	265
70.0	211	217	218	218
72.5	169	175	177	178
75.0	134	137	139	139
77.5	102	104	105	106
80.0	74	75	76	76
82.5	49	49	51	50
85.0	29	29	29	30
87.5	14	14	13	14
90.0	0	0	0	0