

LUMINAIRE: CWW2-35LWG-2WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 24" led with frosted acrylic prisms lens
 Scaled from Test#16.01148
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 2674
WATTS: 26.90
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.15 90° = 1.25
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 1.92
 HEIGHT: 0.00

TEST #16264
 DATE: 6/3/2016

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 99

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.42
BASED ON 3000 HRS. AND \$.08 PER KWH

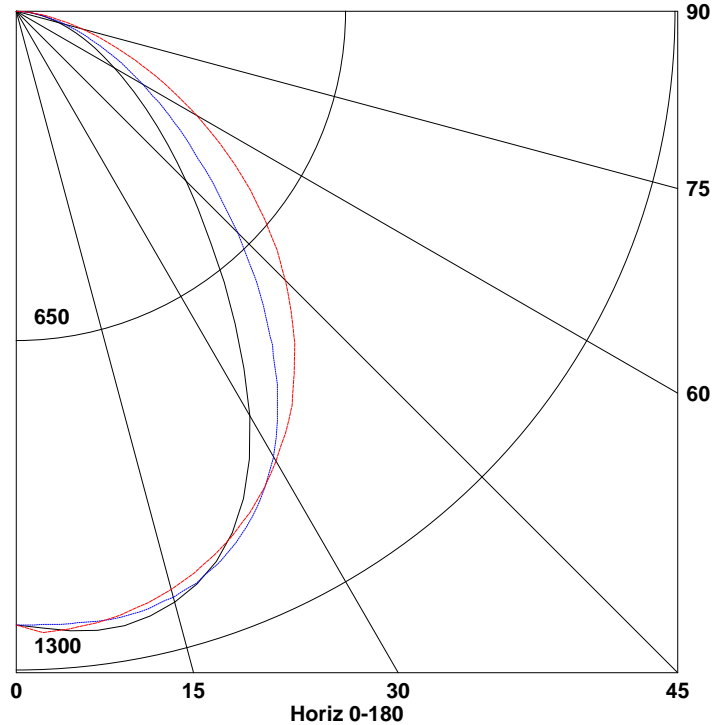
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	945	35.4	35.4
0-40	1485	55.6	55.6
0-60	2311	86.4	86.4
0-90	2674	100.0	100.0
0-180	2674	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M					
	0.0	20.0	35.0	55.0	70.0	90.0
0	27156	27156	27156	27156	27156	27156
30	23874	24055	25273	26593	26697	26541
40	17476	17915	19906	23653	25000	25029
45	15032	15286	17157	21343	23753	23817
50	13013	13257	14827	18769	21735	22363
55	11338	11573	12980	16303	19509	20565
60	10046	10226	11392	14217	17177	18478
65	9074	9127	9923	12416	14963	16184
70	8261	8196	8851	10753	12654	13834
75	7538	7365	7885	9184	10657	11784
80	6845	6457	6845	7619	8652	9427
85	6175	5661	5918	6175	6433	7205

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	RW	80%				70%				50%				30%					
		70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%			
R	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
C	1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
R	2	101	94	88	83	99	92	87	82	89	84	80	85	82	78	83	79	76	74
C	3	93	84	76	71	91	82	75	70	79	74	69	77	72	68	74	70	66	64
R	4	86	75	67	61	84	74	66	61	71	65	60	69	64	59	67	62	58	56
C	5	80	68	60	54	78	67	59	53	65	58	53	63	57	52	61	56	52	50
R	6	74	62	53	47	72	61	53	47	59	52	47	57	51	46	56	50	46	44
C	7	69	56	48	42	67	56	48	42	54	47	42	53	46	42	51	46	41	40
R	8	64	52	44	38	63	51	43	38	50	43	38	49	42	38	47	42	37	36
C	9	60	48	40	35	59	47	40	35	46	39	34	45	39	34	44	38	34	32
R	10	57	44	37	32	56	44	36	32	43	36	32	42	36	31	41	35	31	30

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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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	1211	1211	1211	1211	1211	1211	1211	1211	1211	1211	1211	1211	1211	1211	1211	1211	1211
2.5	1218	1215	1216	1215	1214	1216	1214	1213	1212	1210	1211	1210	1209	1208	1204	1203	1200
5.0	1227	1221	1220	1219	1218	1221	1217	1215	1213	1212	1213	1209	1208	1206	1202	1201	1197
7.5	1232*	1224	1223	1222	1220	1225	1219	1217	1215	1213	1214	1209	1207	1204	1198	1198	1193
10.0	1231	1222	1221	1219	1218	1224	1217	1216	1213	1210	1213	1206	1203	1199	1193	1193	1186
12.5	1222	1213	1211	1210	1209	1217	1208	1207	1205	1203	1207	1199	1196	1192	1184	1185	1177
15.0	1207	1198	1196	1195	1195	1203	1195	1194	1193	1192	1197	1189	1186	1182	1174	1174	1165
17.5	1185	1174	1174	1173	1174	1183	1174	1174	1174	1175	1183	1174	1173	1168	1159	1160	1151
20.0	1155	1144	1142	1144	1144	1155	1146	1149	1150	1151	1161	1153	1152	1149	1144	1144	1134
22.5	1114	1102	1102	1102	1108	1120	1111	1115	1119	1122	1134	1129	1130	1128	1121	1124	1115
25.0	1061	1049	1051	1054	1059	1073	1066	1073	1080	1086	1101	1096	1099	1100	1096	1100	1089
27.5	996	983	988	992	1001	1015	1008	1021	1032	1041	1061	1060	1066	1069	1067	1072	1060
30.0	922	909	911	921	929	950	943	961	976	991	1015	1017	1027	1031	1034	1038	1031
32.5	836	822	828	837	850	876	869	887	907	929	959	966	978	993	994	1000	992
35.0	753	736	742	754	768	796	789	810	835	859	898	911	928	941	948	957	951
37.5	674	656	664	673	689	714	707	733	761	789	831	845	869	891	904	911	904
40.0	597	579	586	595	612	640	630	653	680	715	759	776	808	828	844	857	854
42.5	532	515	520	529	544	572	560	582	608	642	686	710	736	768	790	803	801
45.0	474	458	463	470	482	509	497	517	541	569	618	637	673	702	726	744	749
47.5	420	406	412	417	428	451	442	457	480	505	548	573	604	640	661	681	684
50.0	373	362	366	372	380	402	394	407	425	447	488	503	538	571	603	623	623
52.5	330	320	324	330	337	355	348	360	376	396	431	444	475	507	536	558	561
55.0	290	282	285	290	296	310	306	317	332	348	378	391	417	449	474	494	499
57.5	254	247	250	254	259	273	267	278	290	304	333	343	364	390	415	434	441
60.0	224	218	220	223	228	237	233	243	254	266	289	298	317	341	363	379	383
62.5	195	191	191	195	197	206	202	211	218	229	250	257	275	292	310	325	330
65.0	171	166	167	169	172	178	176	182	187	196	213	220	234	249	265	278	282
67.5	147	143	143	146	147	154	151	155	161	167	180	185	196	208	223	232	235
70.0	126	122	122	124	125	130	127	131	135	140	151	155	164	174	184	191	193
72.5	105	102	103	103	104	109	106	108	111	115	124	126	132	140	148	156	157
75.0	87	83	84	84	85	88	86	88	91	93	100	100	106	112	118	124	123
77.5	69	66	66	67	67	70	68	69	71	72	77	77	81	85	91	94	94
80.0	53	50	50	50	50	54	51	52	53	54	58	57	59	62	65	67	67
82.5	38	35	36	36	36	39	37	36	37	38	41	40	40	42	43	46	45
85.0	24	22	22	22	22	25	22	22	23	23	26	24	24	25	25	27	25
87.5	12	9	9	10	10	12	10	10	10	10	13	11	11	11	12	13	12
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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ANGLE	75.0	80.0	85.0	90.0
0.0	1211	1211	1211	1211
2.5	1198	1201	1212	1227
5.0	1195	1198	1208	1223
7.5	1190	1192	1203	1217
10.0	1183	1185	1194	1208
12.5	1173	1174	1182	1196
15.0	1161	1160	1169	1181
17.5	1146	1144	1151	1163
20.0	1128	1126	1131	1142
22.5	1108	1104	1109	1118
25.0	1082	1078	1081	1091
27.5	1055	1049	1053	1060
30.0	1025	1019	1018	1025
32.5	986	981	980	988
35.0	951	947	943	949
37.5	902	899	898	901
40.0	862	857	854	855
42.5	808	804	802	803
45.0	755	754	749	751
47.5	696	700	699	699
50.0	636	640	640	641
52.5	577	581	582	584
55.0	517	522	524	526
57.5	457	465	465	467
60.0	400	408	411	412
62.5	344	356	356	356
65.0	293	302	304	305
67.5	245	253	255	256
70.0	201	208	211	211
72.5	163	168	170	172
75.0	129	131	134	136
77.5	97	100	101	103
80.0	69	71	72	73
82.5	46	47	48	49
85.0	27	27	27	28
87.5	12	12	12	13
90.0	0	0	0	0



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I.E.S.N.A. VISUAL COMFORT PROBABILITY

ILLUMINATION = 100 FC
REFLECTANCES = 80/50/20
WORK PLANE HEIGHT = 2.5 FEET

HEIGHT	LUMINAIRES							
	LENGTHWISE				CROSSWISE			
ROOM SIZE	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
W L								
20 20	18	21	26	34	17	19	24	32
20 30	16	17	19	24	15	15	17	22
20 40	16	16	17	19	14	14	15	17
20 60	15	16	16	17	14	14	14	15
30 20	20	22	25	32	19	21	24	31
30 30	17	18	18	22	16	16	17	21
30 40	16	16	16	18	15	15	15	16
30 60	16	16	15	16	15	15	14	14
30 80	17	16	15	16	15	15	13	14
40 20	22	24	26	32	21	23	25	31
40 30	19	19	19	23	18	18	18	21
40 40	18	18	17	18	17	17	16	17
40 60	17	17	15	16	16	16	14	15
40 80	18	17	15	16	17	16	14	14
40 100	18	18	16	16	17	17	14	14
60 30	21	21	20	23	20	20	19	22
60 40	19	19	17	19	18	18	16	18
60 60	19	18	16	16	18	17	15	15
60 80	19	18	16	16	18	17	14	15
60 100	19	18	16	16	18	17	15	15
100 40	23	22	20	21	22	22	20	21
100 60	22	21	18	18	21	20	17	18
100 80	22	21	18	18	21	20	17	17
100 100	22	21	18	17	21	20	17	16

DETERMINED IN ACCORDANCE W/CURRENT IES PUBLISHED PROCEDURES