

LUMINAIRE: CWW4-930VWG-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: 2657
WATTS: 26.30
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 #16.01165
 DATE: 11/6/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 101

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.35
BASED ON 3000 HRS. AND \$.08 PER KWH

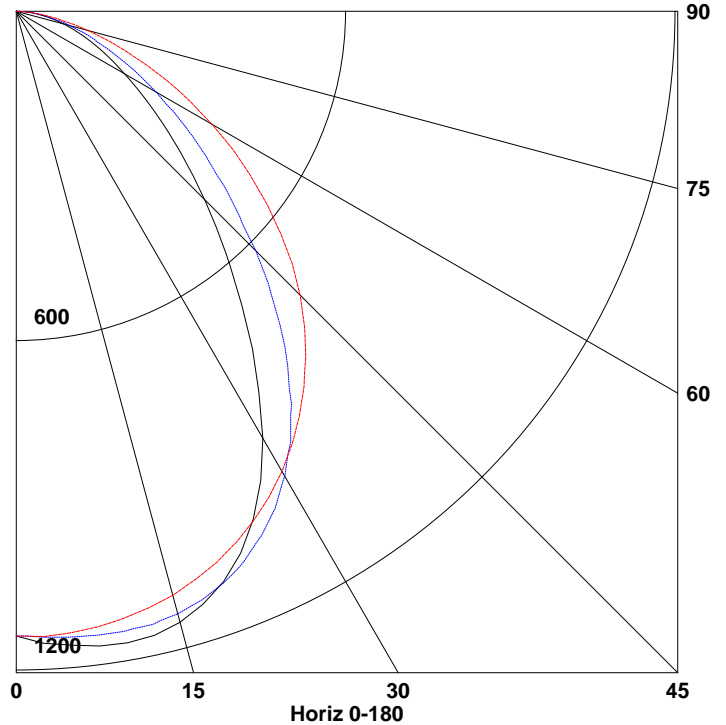
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	902	33.9	33.9
0-40	1436	54.1	54.1
0-60	2277	85.7	85.7
0-90	2657	100.0	100.0
0-180	2657	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M					
	0.0	20.0	35.0	55.0	70.0	90.0
0	12499	12499	12499	12499	12499	12499
30	11389	11782	12226	12607	12505	12277
40	8689	9148	10065	11599	12015	11757
45	7534	7844	8730	10656	11510	11355
50	6527	6801	7553	9518	10782	10731
55	5687	5955	6607	8368	9824	9958
60	4987	5250	5821	7315	8743	9051
65	4522	4652	5094	6393	7615	8005
70	4111	4271	4528	5524	6551	6840
75	3777	3904	4074	4711	5474	5729
80	3479	3542	3669	4048	4491	4681
85	3277	3403	3403	3403	3529	3655

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 120.0 ———

COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%						
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
RW	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
	1	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
	2	101	94	87	82	98	92	86	81	88	83	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	66	60	83	73	66	60	71	64	59	69	63	58	66	62	57	55
C	5	79	67	59	53	77	66	58	52	64	57	52	62	56	51	60	55	51	49
R	6	73	61	53	47	72	60	52	46	58	51	46	57	50	46	55	50	45	43
	7	68	56	47	41	67	55	47	41	53	46	41	52	46	41	51	45	40	39
	8	64	51	43	37	62	50	43	37	49	42	37	48	41	37	47	41	37	35
	9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	32
	10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	35	30	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: CWW4-930VWG-2WW-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 48" led with frosted acylic prised lens

TEST #16.01165
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	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138	1138
2.5	1152	1147	1145	1141	1136	1141	1132	1134	1140	1138	1141	1134	1134	1134	1132	1134	1130
5.0	1159	1152	1148	1144	1139	1147	1135	1135	1141	1140	1144	1133	1132	1131	1128	1133	1126
7.5	1166	1157	1154	1149	1144	1152	1138	1138	1143	1142	1146	1132	1130	1128	1124	1130	1121
10.0	1168*	1160	1156	1151	1145	1153	1140	1140	1143	1142	1146	1131	1127	1124	1119	1126	1115
12.5	1164	1158	1154	1149	1143	1150	1138	1138	1141	1141	1144	1128	1124	1119	1113	1120	1107
15.0	1152	1148	1144	1140	1134	1139	1130	1131	1134	1135	1136	1122	1116	1111	1104	1111	1098
17.5	1132	1130	1127	1123	1118	1121	1114	1117	1121	1125	1124	1112	1106	1101	1094	1100	1086
20.0	1105	1107	1104	1102	1097	1097	1096	1097	1102	1106	1107	1097	1093	1087	1081	1086	1073
22.5	1068	1077	1075	1072	1069	1065	1068	1072	1077	1084	1084	1078	1074	1071	1064	1069	1056
25.0	1021	1035	1034	1034	1034	1025	1036	1040	1046	1055	1055	1054	1053	1050	1044	1049	1036
27.5	964	982	983	986	987	976	992	998	1011	1020	1021	1025	1025	1026	1020	1026	1013
30.0	898	919	921	927	929	916	937	950	964	978	978	990	994	995	993	996	986
32.5	822	843	847	854	865	849	874	888	909	928	930	952	956	960	960	964	955
35.0	750	764	772	779	792	779	804	820	846	869	874	904	914	921	922	927	921
37.5	675	685	690	701	713	707	730	749	775	802	812	846	866	876	882	884	883
40.0	606	612	614	622	638	638	653	675	702	735	748	789	809	826	834	837	838
42.5	543	544	546	554	568	574	583	605	631	662	683	726	750	772	784	788	792
45.0	485	480	485	492	505	514	518	538	562	593	617	660	686	714	731	734	741
47.5	431	427	431	437	446	457	460	478	499	527	551	591	619	650	675	675	687
50.0	382	380	383	388	398	407	408	421	442	467	493	529	557	590	613	617	631
52.5	336	334	337	344	351	360	362	373	392	412	437	468	495	527	552	557	573
55.0	297	296	299	303	311	317	319	329	345	362	386	411	437	467	491	497	513
57.5	261	262	263	266	273	278	280	290	302	319	339	359	382	409	432	438	456
60.0	227	227	229	234	239	243	245	253	265	276	294	312	333	357	378	384	398
62.5	200	199	201	204	206	210	212	219	227	239	253	269	288	305	327	332	343
65.0	174	174	175	178	179	182	184	189	196	204	215	228	246	262	279	284	293
67.5	150	151	152	153	155	157	159	162	167	174	182	193	207	219	235	239	248
70.0	128	129	130	131	133	133	135	137	141	146	152	160	172	182	194	197	204
72.5	108	109	109	110	111	112	113	115	118	122	127	133	139	148	156	160	165
75.0	89	90	90	90	92	92	93	93	96	99	102	107	111	118	123	126	129
77.5	72	72	72	73	73	73	74	75	77	77	80	83	87	91	95	96	99
80.0	55	55	56	56	56	56	57	57	58	58	59	61	64	66	69	69	71
82.5	39	40	41	40	40	40	40	41	42	42	42	43	43	45	46	47	47
85.0	26	27	27	27	27	27	27	26	27	27	27	28	27	28	28	28	28
87.5	14	15	14	14	14	14	14	14	14	14	14	14	13	14	13	13	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	1138	1138	1138	1138
2.5	1128	1128	1134	1140
5.0	1124	1124	1130	1136
7.5	1119	1119	1124	1131
10.0	1112	1111	1116	1123
12.5	1104	1101	1106	1113
15.0	1093	1089	1093	1101
17.5	1080	1074	1078	1085
20.0	1064	1059	1060	1068
22.5	1046	1039	1039	1047
25.0	1026	1019	1017	1023
27.5	1002	994	993	997
30.0	976	966	963	968
32.5	946	936	932	935
35.0	913	902	898	899
37.5	875	866	859	861
40.0	834	824	818	820
42.5	791	781	776	777
45.0	744	735	730	731
47.5	693	686	680	682
50.0	639	634	630	628
52.5	583	581	577	575
55.0	525	525	522	520
57.5	468	469	467	467
60.0	414	415	411	412
62.5	357	360	360	359
65.0	306	309	309	308
67.5	257	264	261	259
70.0	211	217	215	213
72.5	171	175	175	173
75.0	135	138	139	135
77.5	102	105	105	103
80.0	73	75	76	74
82.5	49	48	50	49
85.0	29	29	29	29
87.5	13	13	13	13
90.0	0	0	0	0