

**LUMINAIRE:** CWW2-940VWG-2WW-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 24" led with frosted acylic prisms lens  
 Scaled from Test#16.01149  
**BALLAST:** XI020C110V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 1194  
**WATTS:** 13.10  
**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 #16333

DATE: 11/6/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 91**

**ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT INTENSIVE USE**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.61**

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

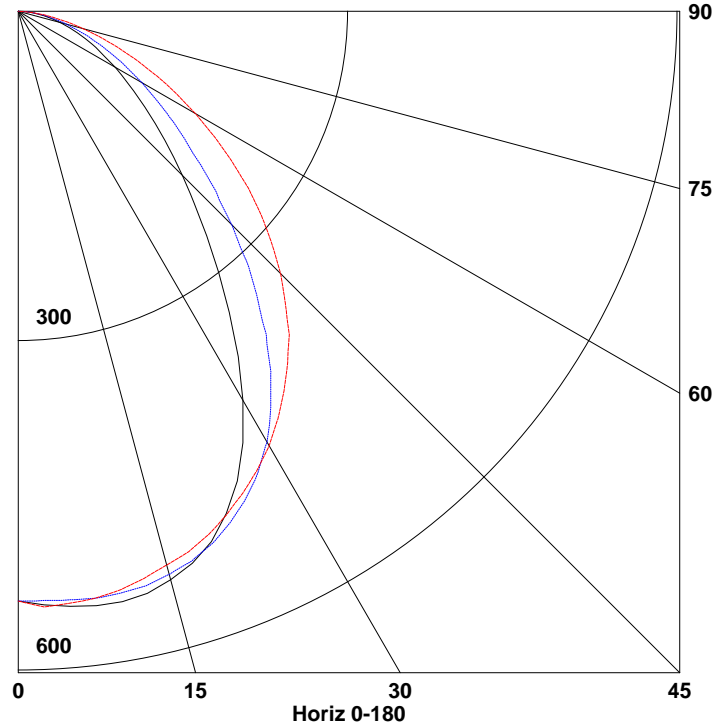
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	420	35.1	35.1
0-40	661	55.3	55.3
0-60	1030	86.3	86.3
0-90	1194	100.0	100.0
0-180	1194	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M					
	0.0	20.0	35.0	55.0	70.0	90.0
0	12042	12042	12042	12042	12042	12042
30	10591	10720	11238	11834	11885	11834
40	7816	7992	8899	10538	11241	11241
45	6692	6755	7643	9577	10624	10719
50	5826	5896	6594	8338	9803	10082
55	5083	5161	5747	7311	8758	9266
60	4575	4664	5068	6324	7759	8342
65	4139	4139	4457	5572	6739	7376
70	3737	3672	3934	4852	5704	6360
75	3379	3292	3466	4159	4852	5285
80	3099	2970	3099	3487	3874	4262
85	2830	2573	2573	2830	3088	3345

**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	97	94	96	93	91	92	90	89	89	87
2	101	94	88	83	99	92	86	82	89	84	80	85	82	78	82	79	76	76	74
3	93	84	76	70	91	82	75	70	79	73	69	77	72	67	74	70	66	66	64
R	4	86	75	67	61	84	74	66	61	71	65	60	69	63	59	67	62	58	56
C	5	80	68	59	53	78	67	59	53	65	58	53	63	57	52	61	56	51	49
R	6	74	62	53	47	72	61	53	47	59	52	47	57	51	46	56	50	46	44
	7	69	56	48	42	67	55	48	42	54	47	42	53	46	42	51	46	41	39
	8	64	52	44	38	63	51	43	38	50	43	38	48	42	38	47	42	37	36
	9	60	48	40	35	59	47	40	34	46	39	34	45	39	34	44	38	34	32
	10	57	44	37	32	55	44	36	31	43	36	31	42	36	31	41	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: \_\_\_\_\_

**LUMINAIRE:** CWW2-940VWG-2WW-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 24" led with frosted acylic prised lens  
Scaled from Test#16.01149

TEST #16333  
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	537	537	537	537	537	537	537	537	537	537	537	537	537	537	537	537	537
2.5	541	538	538	538	538	539	538	537	537	536	537	536	535	535	534	532	532
5.0	544	540	540	540	540	541	539	539	538	537	538	536	535	534	532	532	531
7.5	546*	542	542	542	541	544	541	540	539	538	539	536	535	534	531	531	529
10.0	546	541	541	541	540	543	540	539	538	537	538	535	532	531	528	529	526
12.5	543	537	537	537	537	540	536	535	535	532	536	530	529	527	525	525	523
15.0	536	530	530	529	529	534	529	529	528	528	531	526	525	523	521	521	517
17.5	527	521	520	520	521	525	521	521	521	521	525	520	520	518	515	516	512
20.0	514	508	508	509	509	514	510	510	511	512	516	512	512	511	509	509	504
22.5	495	490	489	490	492	497	493	495	497	498	504	500	501	500	498	499	495
25.0	472	466	467	469	470	477	473	476	480	483	490	487	489	489	487	489	485
27.5	443	438	438	442	444	453	449	456	460	465	473	472	474	476	474	477	472
30.0	409	403	405	409	414	422	419	427	434	441	453	453	457	460	460	463	459
32.5	373	365	370	373	379	389	387	397	405	414	428	431	436	442	443	446	443
35.0	335	328	332	336	343	354	353	362	374	385	401	407	415	422	424	429	426
37.5	300	290	294	300	305	319	313	326	337	352	371	378	388	398	402	408	406
40.0	267	258	261	266	273	284	281	293	304	318	338	348	360	373	380	385	384
42.5	237	227	231	235	240	254	250	261	272	285	307	318	331	345	355	361	360
45.0	211	202	206	209	213	224	221	229	241	254	275	285	302	316	326	334	335
47.5	188	181	182	185	189	200	195	202	213	224	245	255	271	286	299	307	308
50.0	167	160	163	165	169	179	174	181	189	198	216	225	239	256	270	280	281
52.5	147	142	144	146	149	158	154	161	167	175	191	198	212	226	242	252	254
55.0	130	126	127	129	132	139	136	141	147	155	168	174	187	200	212	222	224
57.5	115	111	112	113	116	122	119	124	129	135	148	153	163	174	188	195	197
60.0	102	99	100	102	104	108	105	109	113	118	130	133	141	152	162	170	173
62.5	88	85	86	87	88	93	91	96	98	102	112	114	122	130	139	147	148
65.0	78	75	75	76	78	81	79	81	84	89	96	99	105	111	119	126	127
67.5	67	64	65	66	66	71	67	70	72	76	82	83	88	94	101	105	106
70.0	57	55	55	56	56	59	57	59	60	63	69	70	74	78	83	87	87
72.5	48	47	46	47	48	50	48	49	50	52	56	57	60	63	67	71	72
75.0	39	37	38	38	38	40	39	39	40	42	46	46	48	51	53	56	56
77.5	31	30	30	30	30	32	31	31	32	33	35	35	36	38	40	43	43
80.0	24	23	23	23	23	25	23	24	24	25	27	26	27	28	29	31	30
82.5	18	17	17	17	17	18	17	17	17	18	19	18	19	19	20	21	21
85.0	11	10	10	10	10	11	10	10	10	10	12	11	11	11	11	12	12
87.5	5	4	4	4	4	6	5	4	5	5	6	5	5	5	5	6	6
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE