

**LUMINAIRE:** CWW2-940MWG-2WW-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 24" led with frosted acylic prisms lens  
 Scaled from Test#16.01161  
**BALLAST:** XI020C110V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 1624  
**WATTS:** 17.30  
**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 #16335

DATE: 11/6/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 94**

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

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.50**

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

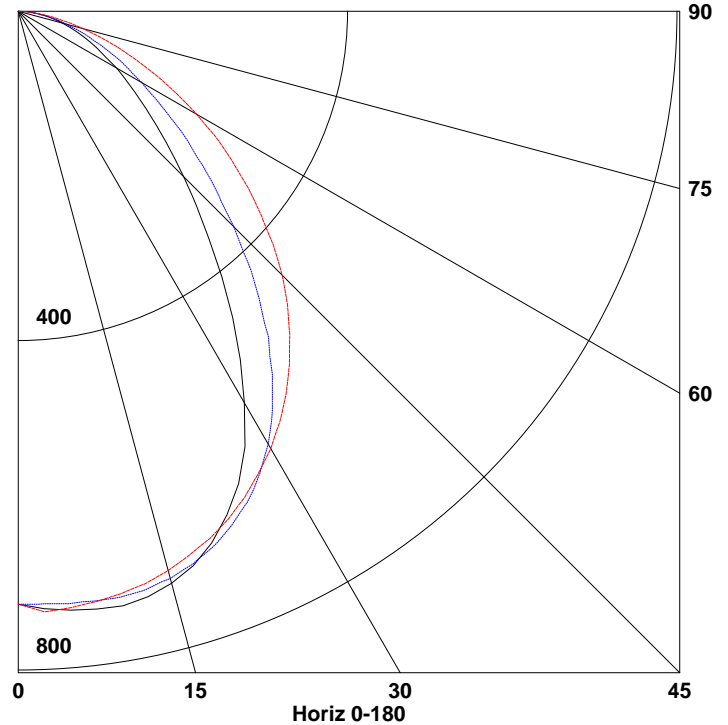
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	567	34.9	34.9
0-40	891	54.9	54.9
0-60	1395	85.9	85.9
0-90	1624	100.0	100.0
0-180	1624	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M					
	0.0	20.0	35.0	55.0	70.0	90.0
0	16146	16146	16146	16146	16146	16146
30	14216	14293	15044	16002	16132	15873
40	10538	10978	12002	14110	15105	15017
45	9007	9609	10561	12749	14208	14366
50	7745	8373	9315	11338	13152	13431
55	6803	7311	8132	9970	11807	12394
60	6189	6548	7176	8791	10360	11212
65	5572	5784	6420	7641	8967	9870
70	5180	5311	5639	6753	7802	8524
75	4765	4939	5112	5805	6672	7105
80	4520	4520	4649	5037	5553	5811
85	4374	4632	4632	4889	4632	4374

**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	95	93	91	92	90	88	86	86
2	101	94	88	82	99	92	86	82	88	84	80	85	81	78	82	79	76	74	74
3	93	84	76	70	91	82	75	70	79	73	68	76	71	67	74	70	66	64	64
R	4	86	75	67	61	84	74	66	60	71	65	59	69	63	59	67	62	58	56
C	5	79	68	59	53	77	66	59	53	64	58	52	63	56	52	61	55	51	49
R	6	74	61	53	47	72	60	53	47	59	52	46	57	51	46	56	50	46	44
	7	69	56	48	42	67	55	47	42	54	47	42	52	46	41	51	45	41	39
	8	64	51	43	38	63	51	43	38	49	43	38	48	42	37	47	41	37	35
	9	60	47	40	34	59	47	39	34	46	39	34	45	38	34	44	38	34	32
	10	57	44	36	31	55	43	36	31	42	36	31	42	35	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:** CWW2-940MWG-2WW-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 24" led with frosted acrylic prisms lens  
Scaled from Test#16.01161

TEST #16335  
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	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720	720
2.5	726	727	728	728	727	725	727	726	725	723	720	722	722	720	718	716	716
5.0	730	733	733	733	732	727	731	730	729	727	722	725	723	721	719	715	716
7.5	732	736*	736	735	735	729	734	733	731	729	722	726	723	721	718	713	715
10.0	733	736	735	735	734	729	733	732	731	729	722	725	723	720	717	710	712
12.5	728	731	731	730	729	725	729	729	727	725	719	722	720	717	713	706	708
15.0	719	720	720	720	720	716	720	720	719	718	713	716	714	712	708	700	702
17.5	706	707	706	707	707	705	708	708	708	708	704	707	706	704	700	692	693
20.0	687	686	686	686	688	689	689	691	692	694	692	695	694	693	690	683	684
22.5	662	658	660	661	663	666	666	671	673	676	676	680	680	680	677	671	672
25.0	633	626	625	628	632	640	636	641	647	653	658	661	663	663	661	656	658
27.5	596	584	585	589	595	606	603	609	618	625	634	637	643	645	645	639	641
30.0	549	539	541	546	552	569	561	571	581	593	607	610	618	622	625	622	623
32.5	502	491	494	499	508	523	518	528	541	553	574	578	590	597	600	598	599
35.0	454	444	449	453	462	476	472	484	498	513	538	544	557	565	572	574	576
37.5	406	402	402	408	416	430	429	438	455	470	499	504	520	534	542	546	547
40.0	360	359	363	368	375	383	385	397	410	427	455	465	482	497	510	517	516
42.5	320	323	327	330	337	342	347	356	371	384	412	421	442	460	472	484	485
45.0	284	290	294	296	303	304	311	321	333	346	370	383	402	422	436	448	448
47.5	251	257	261	265	270	269	277	288	298	311	330	343	362	381	400	413	412
50.0	222	228	231	235	240	239	249	256	267	277	293	306	325	342	361	374	377
52.5	197	201	204	208	213	210	219	226	236	247	260	273	290	305	323	336	340
55.0	174	178	181	183	187	185	193	199	208	216	226	240	255	270	285	299	302
57.5	155	158	159	162	165	163	169	174	182	190	198	211	223	237	253	264	266
60.0	138	141	142	143	146	144	149	154	160	167	173	185	196	206	219	227	231
62.5	119	121	122	124	127	127	132	134	138	144	151	160	168	179	189	197	198
65.0	105	106	106	108	109	110	112	116	121	125	130	137	144	154	162	168	169
67.5	91	92	91	93	94	96	97	99	102	107	110	117	122	130	137	141	143
70.0	79	79	79	80	81	81	82	84	86	89	92	99	103	108	113	116	119
72.5	66	66	66	67	67	67	69	70	72	74	76	80	84	88	92	94	97
75.0	55	55	56	56	57	56	57	58	59	60	61	64	67	70	73	76	77
77.5	45	45	45	45	46	46	47	47	48	48	49	51	53	54	56	57	59
80.0	35	35	35	35	35	35	36	36	36	37	37	38	39	39	42	42	43
82.5	25	26	26	26	26	26	26	27	27	27	26	28	28	28	29	29	29
85.0	17	18	18	18	18	18	18	18	18	18	18	18	19	18	18	18	18
87.5	9	9	9	9	9	9	9	9	9	9	9	9	9	10	9	9	9
90.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE