

LUMINAIRE: CWW2-935VWG-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: 1175
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 #16332
 DATE: 11/6/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 90

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT INTENSIVE USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.67
BASED ON 3000 HRS. AND \$.08 PER KWH

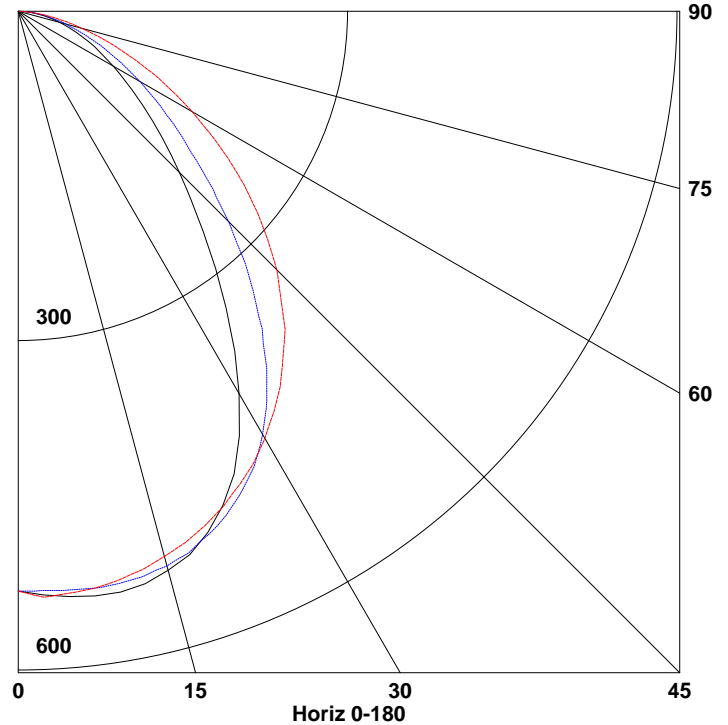
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	413	35.2	35.2
0-40	650	55.3	55.3
0-60	1013	86.3	86.3
0-90	1175	100.0	100.0
0-180	1175	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M					
	0.0	20.0	35.0	55.0	70.0	90.0
0	11840	11840	11840	11840	11840	11840
30	10409	10539	11057	11626	11678	11626
40	7670	7875	8753	10363	11065	11065
45	6565	6628	7516	9419	10465	10561
50	5721	5791	6489	8198	9664	9908
55	5004	5083	5669	7194	8640	9110
60	4485	4575	4978	6234	7669	8208
65	4086	4086	4404	5465	6633	7269
70	3672	3606	3868	4721	5639	6229
75	3379	3292	3466	4072	4765	5199
80	2970	2841	2970	3487	3874	4262
85	2830	2573	2573	2830	3088	3345

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%			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	
1	110	106	102	99	107	104	100	97	99	97	94	96	93	91	92	90	89	87	
2	101	94	88	83	99	92	86	82	89	84	80	85	82	78	82	79	76	74	
3	93	84	76	70	91	82	75	70	79	73	69	77	72	67	74	70	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	32	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: CWW2-935VWG-2WW-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 24" led with frosted acrylic prisms lens
Scaled from Test#16.01149

TEST #16332
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	528	528	528	528	528	528	528	528	528	528	528	528	528	528	528	528	528
2.5	532	529	529	529	529	530	529	528	528	527	528	527	526	526	525	524	524
5.0	535	531	531	531	531	532	530	530	529	528	529	527	526	525	524	524	523
7.5	537*	533	533	533	532	535	532	531	530	529	530	527	526	525	523	523	521
10.0	537	532	532	532	531	534	531	530	529	528	529	526	524	523	520	521	518
12.5	534	528	528	528	528	531	527	526	526	524	527	522	521	519	517	517	515
15.0	527	522	522	521	521	525	521	521	520	520	523	518	517	515	513	513	508
17.5	519	513	512	512	513	517	513	513	513	513	517	512	512	509	506	507	503
20.0	505	499	499	500	500	505	501	501	502	503	507	503	503	502	500	500	496
22.5	487	482	481	482	484	489	485	487	489	490	496	492	493	492	490	491	487
25.0	465	458	459	461	463	470	466	469	472	475	482	479	481	481	479	481	477
27.5	436	431	431	435	437	445	442	448	452	457	466	465	467	469	467	470	465
30.0	402	396	398	402	407	416	412	420	427	434	445	445	449	452	452	455	451
32.5	367	359	363	367	373	383	381	390	398	407	421	424	429	435	436	439	436
35.0	330	323	327	331	337	348	347	356	368	379	394	400	408	416	417	422	419
37.5	295	285	289	295	300	313	308	321	332	346	365	372	382	391	395	401	399
40.0	262	254	256	261	269	280	277	288	299	312	333	342	354	367	374	379	378
42.5	233	224	228	231	236	250	246	256	268	281	302	312	326	339	349	355	354
45.0	207	199	202	205	209	221	217	226	237	250	271	281	297	310	321	329	330
47.5	185	178	179	182	186	197	192	199	209	221	241	251	266	282	294	302	303
50.0	164	157	160	162	166	176	172	178	186	195	212	222	235	252	265	276	277
52.5	145	140	142	144	147	155	151	158	164	173	188	195	208	223	238	248	250
55.0	128	124	125	127	130	137	134	139	145	152	165	172	184	197	208	218	221
57.5	113	109	110	111	114	120	117	122	127	133	146	150	160	172	185	192	194
60.0	100	97	98	100	102	106	103	107	111	116	128	131	139	149	159	167	171
62.5	87	84	85	86	87	92	90	94	96	100	110	112	120	128	137	145	146
65.0	77	74	74	75	77	80	78	80	83	88	94	97	103	109	117	124	125
67.5	66	63	64	65	65	69	66	68	70	75	81	82	87	93	99	103	104
70.0	56	54	54	55	55	58	56	58	59	62	67	68	72	77	82	86	86
72.5	47	46	45	46	47	49	47	48	49	51	55	56	59	62	66	69	70
75.0	39	37	38	38	38	40	39	39	40	41	45	45	47	50	52	55	55
77.5	31	30	30	30	30	32	31	31	32	33	35	35	36	38	40	42	42
80.0	23	22	22	22	22	25	22	23	23	25	27	26	27	28	29	31	30
82.5	17	16	16	16	16	17	16	16	16	17	18	17	18	18	19	20	20
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