

LUMINAIRE: CWW2-930VWG-2WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 24" led with frosted acylic prisms lens
BALLAST: XI020C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1151
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 #16.01149
 DATE: 11/6/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 88

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT INTENSIVE USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.70
BASED ON 3000 HRS. AND \$.08 PER KWH

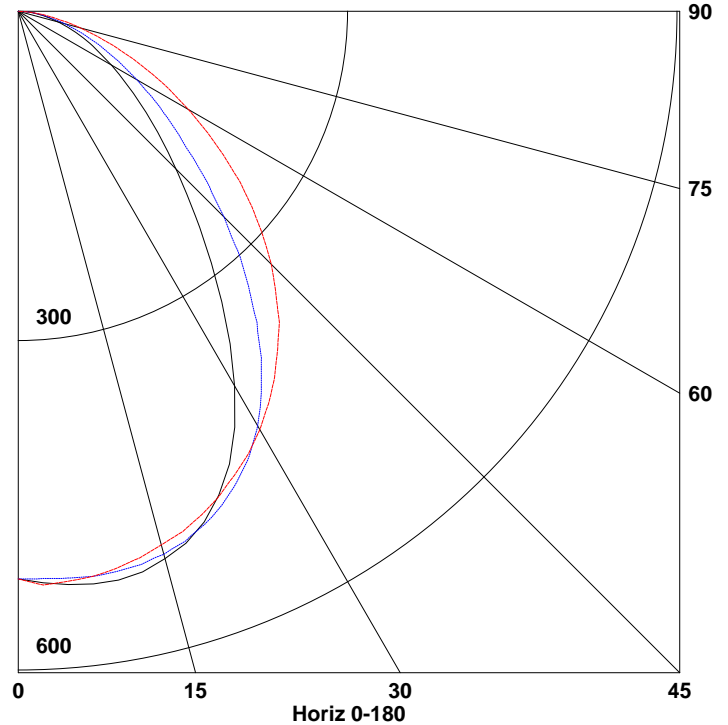
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	404	35.1	35.1
0-40	637	55.3	55.3
0-60	992	86.2	86.2
0-90	1151	100.0	100.0
0-180	1151	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M					
	0.0	20.0	35.0	55.0	70.0	90.0
0	11594	11594	11594	11594	11594	11594
30	10202	10332	10824	11393	11445	11393
40	7523	7699	8577	10158	10831	10831
45	6438	6501	7358	9229	10243	10339
50	5617	5687	6349	8024	9454	9699
55	4887	4965	5552	7037	8445	8914
60	4395	4485	4889	6100	7490	8028
65	3980	3980	4298	5359	6474	7110
70	3606	3541	3803	4655	5508	6098
75	3292	3206	3379	3986	4679	5112
80	2970	2841	2970	3358	3745	4133
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	80%																	
	70%		50%		30%		10%		70%		50%		30%		10%		0%	
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	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	81	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	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	49
R	6	74	62	53	47	72	61	53	47	59	52	47	57	51	46	56	50	44
	7	69	56	48	42	67	55	48	42	54	47	42	53	46	42	51	46	39
	8	64	52	44	38	63	51	43	38	50	43	38	48	42	38	47	42	36
	9	60	48	40	35	59	47	40	34	46	39	34	45	39	34	44	38	32
	10	57	44	37	32	55	44	36	31	43	36	31	42	36	31	41	35	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: _____

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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	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517
2.5	521	518	518	518	518	519	518	517	517	516	517	516	515	515	514	513	513
5.0	524	520	520	520	520	521	519	519	518	517	518	516	515	514	513	513	512
7.5	526*	522	522	522	521	524	521	520	519	518	519	516	515	514	512	512	510
10.0	526	521	521	521	520	523	520	519	518	517	518	515	513	512	509	510	507
12.5	523	517	517	517	517	520	516	515	515	513	516	511	510	508	506	506	504
15.0	516	511	511	510	510	514	510	510	509	509	512	507	506	504	502	502	498
17.5	508	502	501	501	502	506	502	502	502	502	506	501	501	499	496	497	493
20.0	495	489	489	490	490	495	491	491	492	493	497	493	493	492	490	490	486
22.5	477	472	471	472	474	479	475	477	479	480	486	482	483	482	480	481	477
25.0	455	449	450	452	453	460	456	459	462	465	472	469	471	471	469	471	467
27.5	427	422	422	426	428	436	433	439	443	448	456	455	457	459	457	460	455
30.0	394	388	390	394	399	407	404	411	418	425	436	436	440	443	443	446	442
32.5	359	352	356	359	365	375	373	382	390	399	412	415	420	426	427	430	427
35.0	323	316	320	324	330	341	340	349	360	371	386	392	400	407	408	413	410
37.5	289	279	283	289	294	307	302	314	325	339	357	364	374	383	387	393	391
40.0	257	249	251	256	263	274	271	282	293	306	326	335	347	359	366	371	370
42.5	228	219	223	226	231	245	241	251	262	275	296	306	319	332	342	348	347
45.0	203	195	198	201	205	216	213	221	232	245	265	275	291	304	314	322	323
47.5	181	174	175	178	182	193	188	195	205	216	236	246	261	276	288	296	297
50.0	161	154	157	159	163	172	168	174	182	191	208	217	230	247	260	270	271
52.5	142	137	139	141	144	152	148	155	161	169	184	191	204	218	233	243	245
55.0	125	121	122	124	127	134	131	136	142	149	162	168	180	193	204	214	216
57.5	111	107	108	109	112	118	115	119	124	130	143	147	157	168	181	188	190
60.0	98	95	96	98	100	104	101	105	109	114	125	128	136	146	156	164	167
62.5	85	82	83	84	85	90	88	92	94	98	108	110	118	125	134	142	143
65.0	75	72	72	73	75	78	76	78	81	86	92	95	101	107	115	121	122
67.5	65	62	63	64	64	68	65	67	69	73	79	80	85	91	97	101	102
70.0	55	53	53	54	54	57	55	57	58	61	66	67	71	75	80	84	84
72.5	46	45	44	45	46	48	46	47	48	50	54	55	58	61	65	68	69
75.0	38	36	37	37	37	39	38	38	39	40	44	44	46	49	51	54	54
77.5	30	29	29	29	29	31	30	30	31	32	34	34	35	37	39	41	41
80.0	23	22	22	22	22	24	22	23	23	24	26	25	26	27	28	30	29
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