

LUMINAIRE: CWW2-935MWG-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: 1597
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 #16334

DATE: 11/6/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 92

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

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.55

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

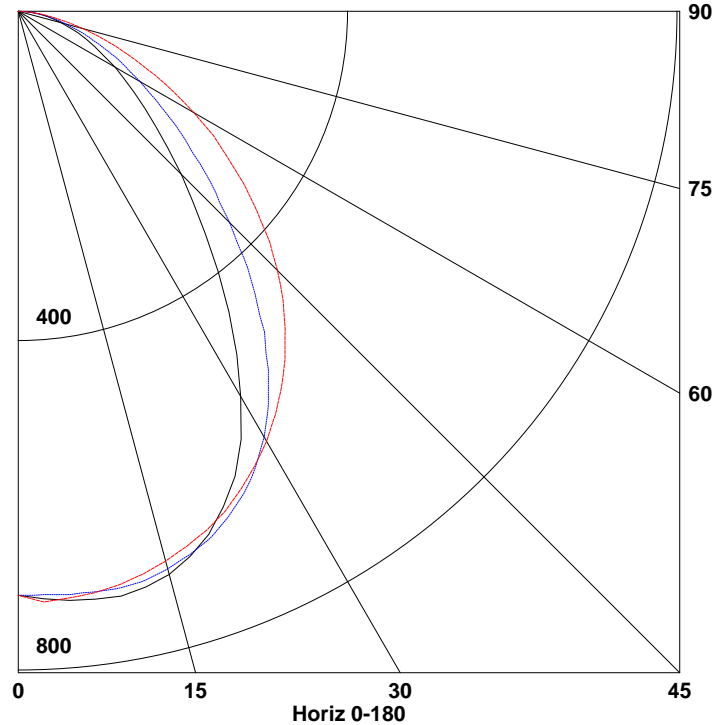
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	558	34.9	34.9
0-40	877	54.9	54.9
0-60	1372	85.9	85.9
0-90	1597	100.0	100.0
0-180	1597	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M					
	0.0	20.0	35.0	55.0	70.0	90.0
0	15899	15899	15899	15899	15899	15899
30	13983	14060	14811	15718	15873	15614
40	10363	10802	11797	13876	14842	14754
45	8880	9451	10402	12527	13986	14113
50	7605	8233	9140	11164	12943	13222
55	6725	7194	7976	9813	11612	12159
60	6100	6458	7041	8656	10226	11033
65	5465	5678	6314	7535	8808	9710
70	5114	5245	5573	6622	7671	8392
75	4679	4852	5025	5718	6585	7018
80	4520	4520	4649	5037	5424	5682
85	4117	4374	4374	4632	4374	4117

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: _____

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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	709	709	709	709	709	709	709	709	709	709	709	709	709	709	709	709	709
2.5	714	715	716	716	715	713	715	714	713	712	709	711	711	709	707	704	704
5.0	718	721	721	721	720	715	719	718	717	715	711	713	712	710	708	703	704
7.5	720	724*	724	723	723	717	722	721	719	717	711	714	712	710	707	701	703
10.0	721	724	723	723	722	717	721	720	719	717	711	713	712	709	706	698	700
12.5	716	719	719	718	717	713	717	717	715	713	708	711	709	706	701	694	696
15.0	708	709	709	709	709	704	709	709	708	707	701	704	702	700	696	688	690
17.5	694	695	694	695	695	693	696	696	696	696	692	695	694	692	688	681	682
20.0	676	675	675	675	677	678	678	680	681	683	681	684	683	682	679	672	673
22.5	651	647	649	650	652	655	655	660	662	665	665	669	669	669	666	660	661
25.0	623	616	615	618	622	630	626	631	636	642	647	650	652	652	650	645	647
27.5	586	575	576	579	585	596	593	599	607	615	624	627	632	634	634	629	631
30.0	540	530	532	537	543	560	551	562	572	583	597	600	607	612	615	612	613
32.5	494	483	486	491	499	515	509	520	532	544	565	569	580	587	590	588	589
35.0	446	437	442	445	454	469	465	476	490	504	529	535	548	555	563	565	567
37.5	399	395	395	401	409	423	422	431	447	463	491	496	512	525	533	537	538
40.0	354	353	357	362	369	377	379	390	403	420	447	457	474	489	501	508	507
42.5	314	318	322	325	332	336	341	350	365	378	405	415	435	452	465	476	477
45.0	280	285	289	291	298	299	306	315	328	340	363	377	395	416	429	441	441
47.5	247	253	256	260	265	264	273	283	293	306	325	337	356	375	393	406	405
50.0	218	225	228	231	236	235	245	252	262	273	288	301	320	336	355	368	371
52.5	194	198	201	204	209	206	215	223	232	243	255	269	285	300	318	331	335
55.0	172	175	178	180	184	182	190	196	204	212	223	236	251	265	281	294	297
57.5	152	155	156	159	162	160	166	172	179	187	195	207	220	233	249	259	261
60.0	136	139	140	141	144	142	147	151	157	164	171	182	193	202	215	224	228
62.5	117	119	120	122	125	125	130	132	136	142	148	157	165	176	186	194	195
65.0	103	104	104	106	107	108	110	114	119	123	128	135	142	151	159	165	166
67.5	90	91	90	92	93	94	95	97	100	105	108	115	120	128	135	139	141
70.0	78	78	78	79	80	80	81	83	85	88	91	97	101	106	111	114	117
72.5	65	65	65	66	66	66	67	68	70	72	75	79	83	87	91	93	95
75.0	54	54	55	55	56	55	56	57	58	59	60	63	66	68	71	75	76
77.5	44	44	44	44	45	45	46	46	47	47	48	50	52	53	55	56	58
80.0	35	35	35	35	35	35	36	36	36	37	37	38	39	39	41	41	42
82.5	25	26	26	26	26	26	26	27	27	27	26	28	28	28	29	29	29
85.0	16	17	17	17	17	17	17	17	17	17	17	17	18	17	17	17	17
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