

LUMINAIRE: CWW2-930MWG-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: 1564
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 #16.01161
 DATE: 11/6/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 90

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.61
BASED ON 3000 HRS. AND \$.08 PER KWH

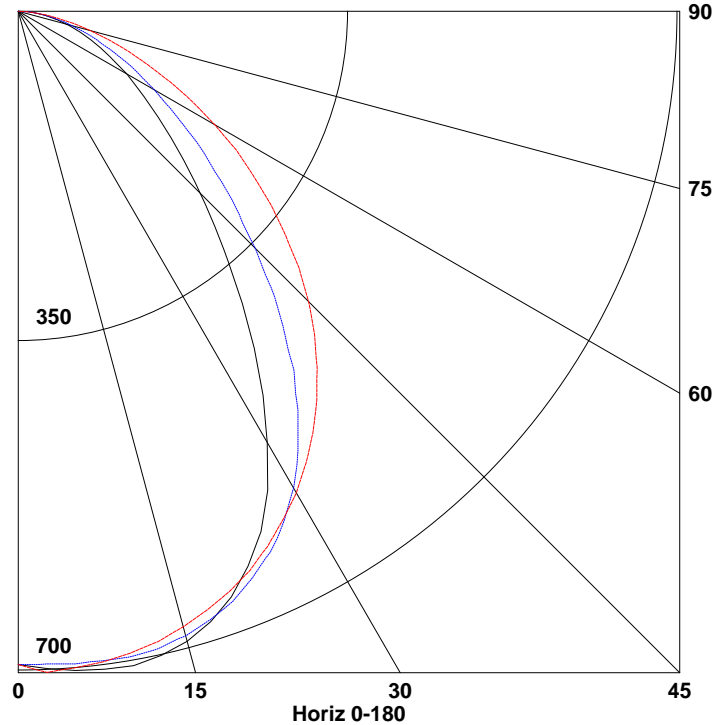
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	546	34.9	34.9
0-40	859	54.9	54.9
0-60	1344	85.9	85.9
0-90	1564	100.0	100.0
0-180	1564	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M					
	0.0	20.0	35.0	55.0	70.0	90.0
0	15563	15563	15563	15563	15563	15563
30	13698	13776	14501	15407	15536	15303
40	10158	10568	11563	13583	14549	14461
45	8690	9260	10180	12273	13700	13827
50	7466	8059	8966	10920	12664	12943
55	6568	7037	7819	9618	11377	11924
60	5965	6324	6907	8477	10002	10809
65	5359	5572	6208	7376	8649	9498
70	4983	5114	5442	6491	7540	8196
75	4592	4765	4939	5632	6412	6845
80	4391	4391	4520	4907	5295	5553
85	4117	4374	4374	4632	4374	4117

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 180.0

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: CWW2-930MWG-2WW-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 24" led with frosted acylic prised lens

TEST #16.01161
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	694	694	694	694	694	694	694	694	694	694	694	694	694	694	694	694	694
2.5	699	700	701	701	700	698	700	699	698	697	694	696	696	694	692	690	690
5.0	703	706	706	706	705	700	704	703	702	700	696	698	697	695	693	689	690
7.5	705	709*	709	708	708	702	707	706	704	702	696	699	697	695	692	687	689
10.0	706	709	708	708	707	702	706	705	704	702	696	698	697	694	691	684	686
12.5	701	704	704	703	702	698	702	702	700	698	693	696	694	691	687	680	682
15.0	693	694	694	694	694	690	694	694	693	692	687	690	688	686	682	674	676
17.5	680	681	680	681	681	679	682	682	682	682	678	681	680	678	674	667	668
20.0	662	661	661	661	663	664	664	666	667	669	667	670	669	668	665	658	659
22.5	638	634	636	637	639	642	642	646	648	651	651	655	655	655	652	646	647
25.0	610	603	602	605	609	617	613	618	623	629	634	637	639	639	637	632	634
27.5	574	563	564	567	573	584	581	587	595	602	611	614	619	621	621	616	618
30.0	529	519	521	526	532	548	540	550	560	571	585	588	595	599	602	599	600
32.5	484	473	476	481	489	504	499	509	521	533	553	557	568	575	578	576	577
35.0	437	428	433	436	445	459	455	466	480	494	518	524	537	544	551	553	555
37.5	391	387	387	393	401	414	413	422	438	453	481	486	501	514	522	526	527
40.0	347	346	350	355	361	369	371	382	395	411	438	448	464	479	491	498	497
42.5	308	311	315	318	325	329	334	343	357	370	397	406	426	443	455	466	467
45.0	274	279	283	285	292	293	300	309	321	333	356	369	387	407	420	432	432
47.5	242	248	251	255	260	259	267	277	287	300	318	330	349	367	385	398	397
50.0	214	220	223	226	231	230	240	247	257	267	282	295	313	329	348	360	363
52.5	190	194	197	200	205	202	211	218	227	238	250	263	279	294	311	324	328
55.0	168	171	174	176	180	178	186	192	200	208	218	231	246	260	275	288	291
57.5	149	152	153	156	159	157	163	168	175	183	191	203	215	228	244	254	256
60.0	133	136	137	138	141	139	144	148	154	161	167	178	189	198	211	219	223
62.5	115	117	118	119	122	122	127	129	133	139	145	154	162	172	182	190	191
65.0	101	102	102	104	105	106	108	112	117	120	125	132	139	148	156	162	163
67.5	88	89	88	90	91	92	93	95	98	103	106	113	118	125	132	136	138
70.0	76	76	76	77	78	78	79	81	83	86	89	95	99	104	109	112	115
72.5	64	64	64	65	65	65	66	67	69	71	73	77	81	85	89	91	93
75.0	53	53	54	54	55	54	55	56	57	58	59	62	65	67	70	73	74
77.5	43	43	43	43	44	44	45	45	46	46	47	49	51	52	54	55	57
80.0	34	34	34	34	34	34	35	35	35	36	36	37	38	38	40	40	41
82.5	24	25	25	25	25	25	25	26	26	26	25	27	27	27	27	28	28
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