

LUMINAIRE: CWW2-30VWG-2WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 24" led with frosted acrylic prisms lens
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1465
WATTS: 14.90
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.14 90° = 1.25
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 1.92
 HEIGHT: 0.00

TEST #16.01146
 DATE: 6/2/2016

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 98

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT INTENSIVE USE
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.45
BASED ON 3000 HRS. AND \$.08 PER KWH

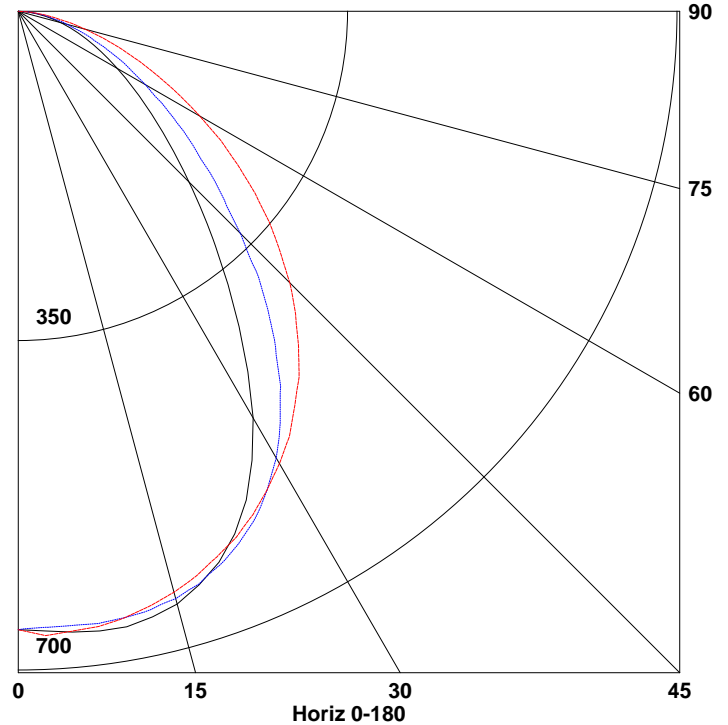
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	514	35.1	35.1
0-40	810	55.3	55.3
0-60	1264	86.3	86.3
0-90	1465	100.0	100.0
0-180	1465	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	14733	14733	14733	14733	14733
30	12921	13284	14190	14527	14371
40	9543	10187	12061	13641	13554
45	8150	8753	10592	12781	12939
50	7012	7536	9245	11722	12141
55	6099	6568	8015	10478	11143
60	5427	5786	6997	9194	10002
65	4935	5147	6155	8012	8755
70	4459	4655	5376	6884	7606
75	4072	4246	4679	5805	6412
80	3745	3745	4133	4778	5166
85	3345	3602	3602	3860	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	96	93	91	92	90	89	87	87
2	101	94	88	83	99	92	86	82	89	84	80	85	81	78	82	79	76	74	74
3	93	84	76	70	91	82	75	70	79	73	69	77	72	67	74	70	66	64	64
R	4	86	75	67	61	84	74	66	60	71	65	60	69	63	59	67	62	58	56
C	5	80	68	59	53	78	67	59	53	65	58	52	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	41	51	46	41	39
	8	64	52	44	38	63	51	43	38	50	43	38	48	42	37	47	42	37	35
	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	31	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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	657	657	657	657	657
2.5	659	658	655	651	664*
5.0	662	660	655	650	661
7.5	664	661	656	647	659
10.0	664	660	654	644	654
12.5	659	656	651	640	647
15.0	652	649	646	634	639
17.5	639	638	638	626	629
20.0	623	623	626	617	617
22.5	601	604	612	607	605
25.0	573	579	595	594	590
27.5	538	549	573	578	573
30.0	499	513	548	561	555
32.5	454	475	518	541	536
35.0	409	433	486	518	512
37.5	366	390	449	492	490
40.0	326	348	412	466	463
42.5	290	310	374	435	436
45.0	257	276	334	403	408
47.5	227	244	297	371	377
50.0	201	216	265	336	348
52.5	177	191	234	302	317
55.0	156	168	205	268	285
57.5	138	147	180	237	255
60.0	121	129	156	205	223
62.5	106	112	135	177	193
65.0	93	97	116	151	165
67.5	80	83	98	127	140
70.0	68	71	82	105	116
72.5	57	59	67	85	94
75.0	47	49	54	67	74
77.5	37	38	42	51	56
80.0	29	29	32	37	40
82.5	20	21	22	25	27
85.0	13	14	14	15	16
87.5	6	7	7	7	7
90.0	0	0	0	0	0

I.E.S.N.A. VISUAL COMFORT PROBABILITY

ILLUMINATION = 100 FC
REFLECTANCES = 80/50/20
WORK PLANE HEIGHT = 2.5 FEET

HEIGHT	LUMINAIRES								
	LENGTHWISE				CROSSWISE				
	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0	
ROOM SIZE									
W	L								
20	20	40	45	55	63	31	34	41	50
20	30	36	39	44	52	27	28	30	37
20	40	34	36	40	44	26	26	26	29
20	60	32	34	36	40	25	25	24	26
30	20	41	44	52	59	34	37	42	50
30	30	36	38	42	48	29	30	31	36
30	40	34	35	37	41	27	27	27	29
30	60	32	33	34	36	26	26	24	26
30	80	32	33	33	35	26	26	24	25
40	20	42	45	51	57	37	40	44	51
40	30	37	39	41	46	32	33	33	38
40	40	35	35	37	39	29	29	28	30
40	60	33	33	33	35	28	28	25	26
40	80	32	33	32	34	28	27	24	25
40	100	33	33	32	33	28	28	25	25
60	30	39	40	41	46	34	35	35	39
60	40	36	36	37	39	32	31	30	31
60	60	34	34	33	35	30	29	26	27
60	80	33	33	32	33	29	28	25	26
60	100	33	33	31	32	29	28	25	25
100	40	40	40	39	41	36	36	34	36
100	60	37	37	35	36	34	33	30	30
100	80	36	35	33	34	33	32	28	28
100	100	35	35	32	33	32	31	28	27

DETERMINED IN ACCORDANCE W/CURRENT IES PUBLISHED PROCEDURES

*MAXIMUM CANDELA VALUE