

LUMINAIRE: CWW2-35VWG-2WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 24" led with frosted acylic prisms lens
 Scaled from Test#16.01146
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1490
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 #16257

DATE: 6/3/2016

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 100

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

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.42

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

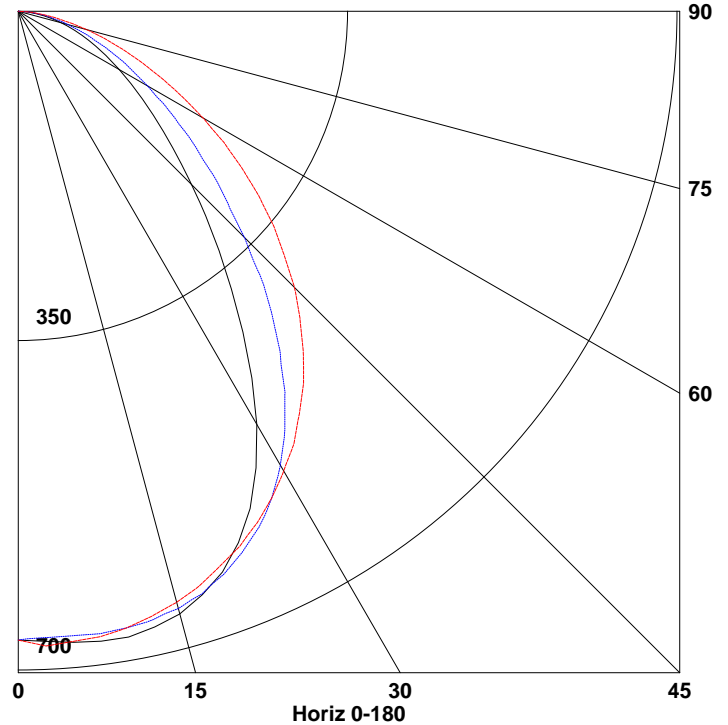
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	522	35.1	35.1
0-40	823	55.3	55.3
0-60	1285	86.3	86.3
0-90	1490	100.0	100.0
0-180	1490	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	14980	14980	14980	14980	14980
30	13128	13517	14423	14785	14604
40	9719	10363	12266	13876	13788
45	8277	8912	10783	13003	13161
50	7117	7675	9419	11931	12350
55	6216	6686	8132	10673	11338
60	5517	5875	7131	9329	10181
65	5041	5253	6261	8172	8914
70	4524	4721	5442	7016	7737
75	4159	4332	4765	5892	6498
80	3745	3745	4262	4907	5295
85	3345	3602	3602	3860	4117

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 180.0

COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%						
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
RW	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	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: _____

LUMINAIRE: CWW2-35VWG-2WW-EDU
CWW Contemporary Wallwash, Recessed Architectural
3" x 24" led with frosted acrylic prisms lens
Scaled from Test#16.01146

TEST #16257
DATE: 6/3/2016

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	668	668	668	668	668
2.5	670	669	666	662	675*
5.0	673	671	666	661	672
7.5	675	672	667	658	670
10.0	675	671	665	655	665
12.5	670	667	662	651	658
15.0	663	660	657	645	650
17.5	650	649	649	637	640
20.0	634	634	637	627	627
22.5	611	614	622	617	615
25.0	583	589	605	604	600
27.5	547	558	583	588	583
30.0	507	522	557	571	564
32.5	462	483	527	550	545
35.0	416	440	494	527	521
37.5	372	397	457	500	498
40.0	332	354	419	474	471
42.5	295	315	380	442	443
45.0	261	281	340	410	415
47.5	231	248	302	377	383
50.0	204	220	270	342	354
52.5	180	194	238	307	322
55.0	159	171	208	273	290
57.5	140	150	183	241	259
60.0	123	131	159	208	227
62.5	108	114	137	180	196
65.0	95	99	118	154	168
67.5	81	84	100	129	142
70.0	69	72	83	107	118
72.5	58	60	68	86	96
75.0	48	50	55	68	75
77.5	38	39	43	52	57
80.0	29	29	33	38	41
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

*MAXIMUM CANDELA VALUE

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

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

HEIGHT	ROOM SIZE	LUMINAIRES							
		LENGTHWISE				CROSSWISE			
		8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
	W L								
20	20	40	45	54	63	30	34	40	50
20	30	35	38	44	51	26	28	30	36
20	40	34	35	39	44	25	25	26	29
20	60	32	34	36	39	24	25	24	26
30	20	40	44	51	59	34	36	41	50
30	30	35	37	41	47	29	30	30	36
30	40	33	34	37	40	27	27	26	29
30	60	32	33	34	36	26	26	24	25
30	80	32	32	32	35	26	26	23	24
40	20	42	45	51	57	37	40	44	51
40	30	37	38	41	46	31	32	32	37
40	40	34	35	36	39	29	29	28	30
40	60	33	33	33	35	28	27	25	26
40	80	32	33	32	33	27	27	24	25
40	100	32	33	32	33	28	27	24	24
60	30	38	39	41	45	34	35	34	39
60	40	35	36	36	38	31	31	29	31
60	60	33	34	33	34	29	29	26	27
60	80	33	33	31	33	29	28	25	25
60	100	33	33	31	32	29	28	25	25
100	40	39	39	39	41	36	35	33	35
100	60	37	36	35	36	33	32	29	30
100	80	36	35	33	34	32	31	28	28
100	100	35	34	32	33	32	31	27	27

DETERMINED IN ACCORDANCE W/CURRENT IES PUBLISHED PROCEDURES