

LUMINAIRE: CWW2-940VWG-1WR-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 24" led with frosted acrylic prisms lens
 Scaled from Test#16.01040
BALLAST: XI020C056V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1119
WATTS: 12.80
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = N/A 90° = N/A
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 1.92
 HEIGHT: 0.00

TEST #16315
 DATE: 11/6/2017
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 87

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.79
BASED ON 3000 HRS. AND \$.08 PER KWH

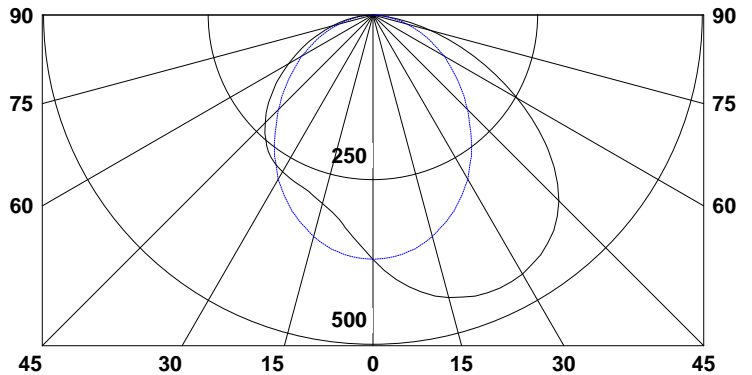
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	294	26.2	26.2
0-40	489	43.7	43.7
0-60	884	79.0	79.0
0-90	1119	100.0	100.0
0-180	1119	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	371	371	371	371	371
7.5	416	401	365	332	325
15.0	444	418	348	300	296
22.5	456	421	322	272	282
30.0	454	412	288	250	275
37.5	436	389	246	227	261
45.0	399	355	203	203	231
52.5	335	305	162	175	192
60.0	253	239	125	141	148
67.5	167	164	88	104	105
75.0	90	96	53	64	63
82.5	30	36	23	28	28
90.0	0	0	0	0	0

INDOOR CANDELA PLOT



180.0-0.0 ——— 270.0-90.0 - - - - -

AVERAGE LUMINANCE

ANGLE	0.0	45.0	90.0	135.0	180.0
0	8320	8320	8320	8320	8320
30	11756	10668	7457	6473	7121
40	12500	11153	6762	6440	7377
45	12654	11258	6438	6438	7326
50	12524	11303	6105	6489	7222
55	12081	11143	5786	6451	6998
60	11347	10719	5606	6324	6638
65	10400	10029	5253	6102	6314
70	9179	9179	4983	5901	5901
75	7798	8318	4592	5545	5459
80	6199	6845	4133	5037	5037
85	4374	5661	3860	4889	4889

CANDELA/SQ M

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.

THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: _____

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TEST #16315
DATE: 11/6/2017

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	371	371	371	371	371	371	371	371	371
2.5	388	387	383	375	370	360	356	355	354
5.0	403	401	392	379	368	353	346	339	339
7.5	416	412	401	382	365	345	332	327	325
10.0	427	422	408	384	361	336	321	315	312
12.5	437	431	414	385	355	325	310	304	303
15.0	444	438	418	385	348	315	300	296	296
17.5	449	443	420	383	339	303	290	290	291
20.0	454	445	421	380	331	292	280	283	285
22.5	456	447	421	376	322	280	272	279	282
25.0	457*	446	419	371	310	268	265	275	280
27.5	456	445	416	363	299	256	257	271	277
30.0	454	443	412	356	288	245	250	268	275
32.5	449	438	406	349	273	233	242	264	271
35.0	444	432	399	337	261	221	235	258	267
37.5	436	424	389	326	246	211	227	252	261
40.0	427	414	381	312	231	199	220	246	252
42.5	414	403	368	300	216	190	213	237	243
45.0	399	389	355	284	203	179	203	227	231
47.5	380	373	339	268	189	169	195	216	220
50.0	359	353	324	252	175	158	186	206	207
52.5	335	331	305	235	162	147	175	192	192
55.0	309	307	285	216	148	137	165	179	179
57.5	281	281	263	198	136	127	153	165	163
60.0	253	254	239	179	125	116	141	151	148
62.5	224	225	213	160	111	106	128	136	133
65.0	196	198	189	141	99	96	115	121	119
67.5	167	171	164	122	88	84	104	107	105
70.0	140	144	140	105	76	74	90	92	90
72.5	113	118	117	87	64	62	77	79	76
75.0	90	96	96	71	53	52	64	65	63
77.5	69	72	73	55	43	42	52	52	52
80.0	48	52	53	42	32	32	39	40	39
82.5	30	34	36	28	23	23	28	29	28
85.0	17	19	22	18	15	16	19	19	19
87.5	5	6	8	7	8	8	9	9	9
90.0	0	0	0	0	0	0	0	0	0

*MAXIMUM CANDELA VALUE



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CANDELA VALUES

ANGLE

- 0.0
- 2.5
- 5.0
- 7.5
- 10.0
- 12.5
- 15.0
- 17.5
- 20.0
- 22.5
- 25.0
- 27.5
- 30.0
- 32.5
- 35.0
- 37.5
- 40.0
- 42.5
- 45.0
- 47.5
- 50.0
- 52.5
- 55.0
- 57.5
- 60.0
- 62.5
- 65.0
- 67.5
- 70.0
- 72.5
- 75.0
- 77.5
- 80.0
- 82.5
- 85.0
- 87.5
- 90.0