

LUMINAIRE: CWW4-40VWG-1WW-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acrylic prisms lens
 Scaled from Test#16.00848
BALLAST: XI040C110V054BPT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3381
WATTS: 31.10
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = N/A 90° = N/A
LUMINOUS OPENING IN FEET
 LENGTH: 0.25
 WIDTH: 3.92
 HEIGHT: 0.00

TEST #16223
 DATE: 6/3/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 109

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.20
BASED ON 3000 HRS. AND \$.08 PER KWH

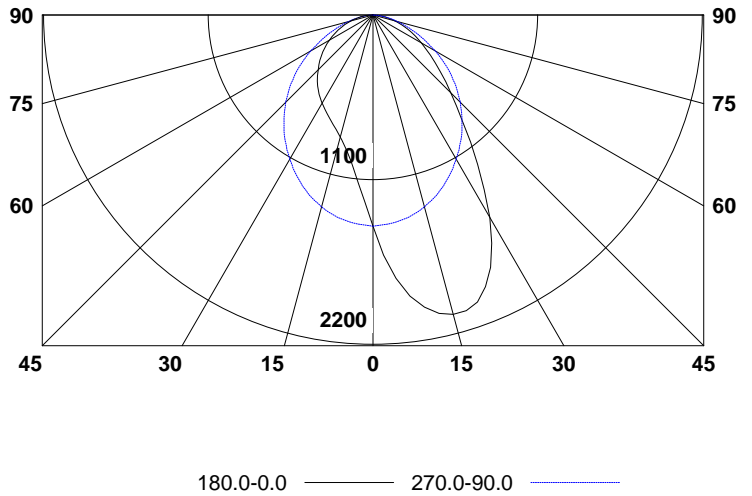
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1132	33.5	33.5
0-40	1794	53.0	53.0
0-60	2850	84.3	84.3
0-90	3381	100.0	100.0
0-180	3381	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	1410	1410	1410	1410	1410
7.5	1893	1759	1385	1095	1024
15.0	2070	1958	1326	901	846
22.5	1964	1994	1234	780	751
30.0	1560	1828	1112	687	680
37.5	1070	1431	975	605	605
45.0	735	983	825	520	517
52.5	524	650	659	427	429
60.0	372	430	481	331	337
67.5	255	273	312	238	241
75.0	149	159	168	147	153
82.5	67	69	63	68	78
90.0	0	0	0	0	0

INDOOR CANDELA PLOT



AVERAGE LUMINANCE

ANGLE	0.0	45.0	90.0	135.0	180.0
0	15487	15487	15487	15487	15487
30	19785	23184	14103	8713	8624
40	13377	18381	13263	8273	8287
45	11417	15269	12815	8077	8031
50	10013	12799	12235	7843	7826
55	8962	10877	11490	7545	7641
60	8172	9446	10566	7271	7403
65	7589	8317	9408	6965	7095
70	6969	7450	8350	6648	6744
75	6323	6748	7130	6238	6493
80	5819	6072	6009	5946	6452
85	5041	5419	4915	5671	6553

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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Scaled from Test#16.00848

TEST #16223
DATE: 6/3/2016

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0
0.0	1410	1410	1410	1410	1410	1410	1410	1410	1410
2.5	1605	1591	1549	1480	1403	1331	1282	1242	1249
5.0	1765	1735	1658	1539	1397	1268	1183	1128	1126
7.5	1893	1857	1759	1592	1385	1206	1095	1030	1024
10.0	1981	1946	1846	1641	1371	1148	1017	952	946
12.5	2041	2007	1912	1683	1351	1088	955	893	887
15.0	2070*	2041	1958	1718	1326	1032	901	847	846
17.5	2070	2049	1990	1747	1299	980	854	809	806
20.0	2040	2034	2001	1769	1268	931	815	777	779
22.5	1964	1980	1994	1783	1234	884	780	748	751
25.0	1859	1894	1964	1787	1194	841	747	721	726
27.5	1718	1772	1909	1784	1155	799	718	697	702
30.0	1560	1629	1828	1769	1112	760	687	674	680
32.5	1383	1467	1717	1740	1069	719	660	651	657
35.0	1218	1302	1584	1698	1023	682	632	626	632
37.5	1070	1141	1431	1641	975	646	605	602	605
40.0	933	998	1282	1561	925	611	577	575	578
42.5	825	877	1131	1464	874	575	550	547	549
45.0	735	775	983	1354	825	540	520	516	517
47.5	659	687	859	1231	768	504	489	486	490
50.0	586	612	749	1099	716	471	459	456	458
52.5	524	544	650	971	659	436	427	427	429
55.0	468	483	568	844	600	401	394	397	399
57.5	416	430	495	727	539	368	362	367	370
60.0	372	383	430	624	481	334	331	335	337
62.5	331	337	371	531	418	302	298	304	306
65.0	292	296	320	447	362	269	268	272	273
67.5	255	259	273	371	312	234	238	240	241
70.0	217	223	232	303	260	202	207	209	210
72.5	181	187	194	240	209	171	176	180	183
75.0	149	153	159	188	168	143	147	152	153
77.5	121	124	125	143	130	114	120	126	128
80.0	92	95	96	103	95	86	94	101	102
82.5	67	68	69	69	63	62	68	76	78
85.0	40	42	43	41	39	39	45	50	52
87.5	15	16	20	18	19	18	22	24	24
90.0	0	0	0	0	0	0	0	0	0

*MAXIMUM CANDELA VALUE