

**LUMINAIRE:** CWW4-35LWG-1WW-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 48" led with frosted acrylic prisms lens  
 Scaled from Test#16.00953  
**BALLAST:** XI054C150V054DNT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 4094  
**WATTS:** 39.50  
**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 #16228  
 DATE: 6/3/2016  
**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 104**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.35**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

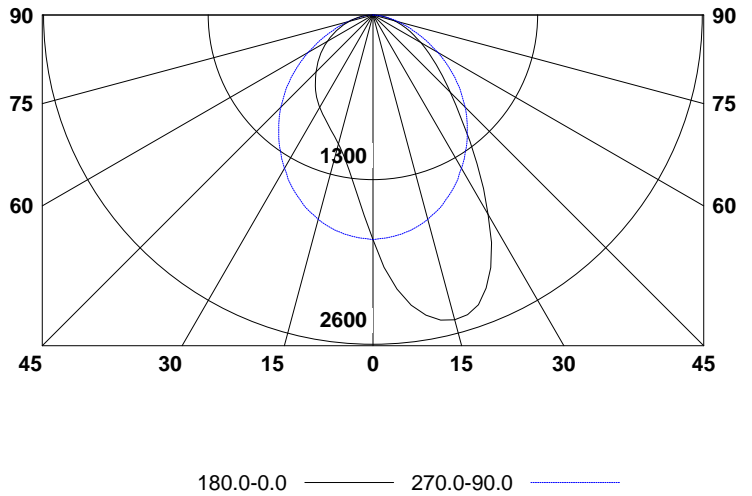
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1387	33.9	33.9
0-40	2184	53.3	53.3
0-60	3454	84.4	84.4
0-90	4094	100.0	100.0
0-180	4094	100.0	100.0

**CANDELA SUMMARY**

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	1773	1773	1773	1773	1773
7.5	2310	2171	1743	1385	1293
15.0	2490	2376	1670	1129	1054
22.5	2333	2390	1551	973	932
30.0	1816	2163	1397	854	839
37.5	1256	1678	1221	746	744
45.0	864	1143	1029	640	636
52.5	616	760	816	523	529
60.0	437	501	592	406	418
67.5	294	321	379	294	302
75.0	172	185	206	185	195
82.5	71	79	78	88	99
90.0	0	0	0	0	0

**INDOOR CANDELA PLOT**



**AVERAGE LUMINANCE**

ANGLE	0.0	45.0	90.0	135.0	180.0
0	19474	19474	19474	19474	19474
30	23032	27433	17718	10831	10641
40	15715	21493	16589	10223	10137
45	13421	17754	15984	9941	9879
50	11790	14832	15208	9603	9637
55	10513	12639	14171	9249	9421
60	9600	11006	13005	8919	9182
65	8810	9746	11565	8603	8784
70	8093	8767	10180	8253	8510
75	7299	7851	8742	7851	8275
80	6642	7021	7337	7464	8349
85	5167	6175	6175	7436	8822

**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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3" x 48" led with frosted acrylic prisms lens  
Scaled from Test#16.00953

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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	1773	1773	1773	1773	1773	1773	1773	1773	1773
2.5	1993	1969	1924	1850	1765	1681	1625	1579	1584
5.0	2171	2136	2052	1917	1756	1602	1500	1430	1424
7.5	2310	2271	2171	1978	1743	1523	1385	1304	1293
10.0	2405	2365	2261	2035	1724	1449	1285	1197	1192
12.5	2466	2425	2328	2080	1699	1376	1201	1120	1111
15.0	<b>2490*</b>	2456	2376	2116	1670	1304	1129	1060	1054
17.5	2480	2457	2402	2146	1635	1235	1070	1010	1008
20.0	2433	2426	2406	2167	1597	1171	1018	967	969
22.5	2333	2354	2390	2177	1551	1110	973	931	932
25.0	2200	2238	2345	2177	1505	1055	931	896	899
27.5	2026	2086	2270	2165	1454	1001	891	864	872
30.0	1816	1910	2163	2141	1397	950	854	833	839
32.5	1625	1711	2020	2099	1341	900	819	803	812
35.0	1432	1516	1855	2043	1282	852	783	772	779
37.5	1256	1334	1678	1963	1221	806	746	738	744
40.0	1096	1161	1499	1867	1157	761	713	705	707
42.5	971	1022	1309	1750	1095	715	676	670	671
45.0	864	903	1143	1608	1029	670	640	632	636
47.5	767	804	1001	1454	956	627	601	594	597
50.0	690	714	868	1306	890	583	562	558	564
52.5	616	637	760	1138	816	540	523	523	529
55.0	549	564	660	1000	740	497	483	486	492
57.5	490	501	582	861	667	456	444	451	455
60.0	437	447	501	730	592	414	406	413	418
62.5	382	396	436	621	516	372	367	374	376
65.0	339	347	375	523	445	332	331	336	338
67.5	294	300	321	432	379	291	294	298	302
70.0	252	257	273	353	317	252	257	261	265
72.5	210	215	226	287	259	213	220	225	228
75.0	172	175	185	225	206	176	185	192	195
77.5	137	140	146	169	160	141	151	159	164
80.0	105	107	111	121	116	109	118	128	132
82.5	71	76	79	82	78	79	88	98	99
85.0	41	43	49	50	49	50	59	68	70
87.5	14	15	20	22	23	25	33	37	38
90.0	0	0	0	0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE