

LUMINAIRE: CWW4-40LWG-1WR-EDU
 CWW Contemporary Wallwash, Recessed Architectural
 3" x 48" led with frosted acrylic prisms lens
 Scaled from Test#16.00954
BALLAST: XI054C150V054DNT1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 4102
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 #16252
 DATE: 6/3/2016
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 104

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.33
BASED ON 3000 HRS. AND \$.08 PER KWH

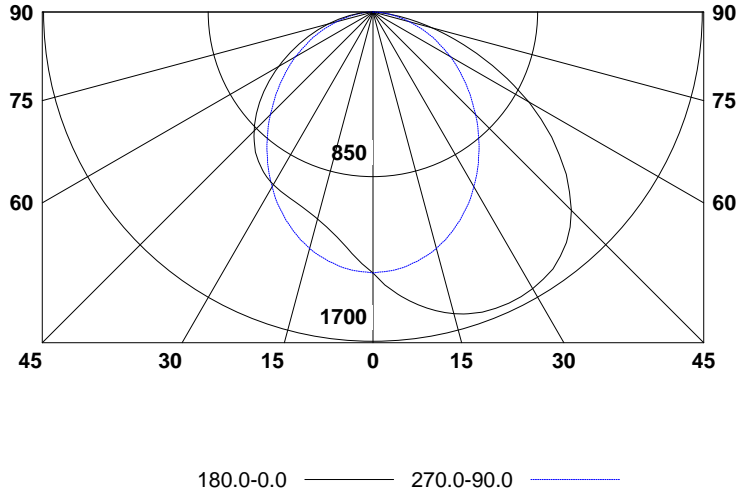
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1072	26.1	26.1
0-40	1788	43.6	43.6
0-60	3241	79.0	79.0
0-90	4102	100.0	100.0
0-180	4102	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	45.0	90.0	135.0	180.0
0.0	1347	1347	1347	1347	1347
7.5	1507	1452	1323	1223	1202
15.0	1611	1511	1263	1109	1106
22.5	1655	1526	1167	1014	1058
30.0	1648	1492	1040	934	1029
37.5	1588	1413	899	859	971
45.0	1448	1289	749	768	868
52.5	1212	1105	603	658	726
60.0	930	862	463	527	561
67.5	604	600	327	384	395
75.0	317	347	195	236	238
82.5	91	127	83	106	106
90.0	0	0	0	0	0

INDOOR CANDELA PLOT



AVERAGE LUMINANCE

ANGLE	0.0	45.0	90.0	135.0	180.0
0	14795	14795	14795	14795	14795
30	20901	18923	13190	11846	13051
40	22267	19744	12159	11901	13535
45	22492	20022	11634	11929	13483
50	22248	20044	11124	11910	13260
55	21562	19647	10609	11777	12868
60	20430	18936	10171	11577	12324
65	18531	17959	9564	11227	11721
70	16121	16507	9056	10758	10983
75	13453	14726	8275	10015	10100
80	9551	12018	7527	9298	9235
85	5671	8696	6932	8444	8318

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#16.00954

TEST #16252
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	1347	1347	1347	1347	1347	1347	1347	1347	1347
2.5	1410	1401	1389	1365	1341	1316	1305	1289	1300
5.0	1461	1448	1423	1380	1335	1290	1263	1240	1251
7.5	1507	1489	1452	1390	1323	1260	1223	1197	1202
10.0	1548	1523	1477	1397	1307	1228	1183	1157	1163
12.5	1583	1554	1497	1398	1287	1192	1147	1121	1131
15.0	1611	1581	1511	1396	1263	1156	1109	1093	1106
17.5	1633	1599	1521	1388	1235	1116	1073	1068	1086
20.0	1648	1610	1527	1378	1202	1076	1043	1049	1070
22.5	1655	1615	1526	1362	1167	1035	1014	1032	1058
25.0	1658*	1616	1521	1342	1127	992	986	1018	1049
27.5	1656	1610	1509	1320	1088	952	960	1005	1039
30.0	1648	1600	1492	1291	1040	910	934	992	1029
32.5	1635	1584	1469	1259	996	868	909	976	1014
35.0	1619	1564	1444	1223	949	828	884	960	995
37.5	1588	1539	1413	1182	899	788	859	936	971
40.0	1553	1503	1377	1134	848	749	830	911	944
42.5	1506	1460	1338	1085	801	710	801	881	907
45.0	1448	1406	1289	1034	749	672	768	846	868
47.5	1375	1342	1238	972	698	633	735	805	825
50.0	1302	1271	1173	915	651	594	697	765	776
52.5	1212	1193	1105	856	603	556	658	718	726
55.0	1126	1107	1026	788	554	517	615	671	672
57.5	1028	1015	947	722	508	479	571	619	621
60.0	930	923	862	658	463	439	527	568	561
62.5	819	826	778	585	413	397	480	513	506
65.0	713	726	691	518	368	357	432	458	451
67.5	604	624	600	455	327	317	384	403	395
70.0	502	524	514	388	282	276	335	349	342
72.5	408	426	428	322	235	234	285	297	292
75.0	317	335	347	262	195	195	236	247	238
77.5	232	251	265	203	157	156	191	197	190
80.0	151	172	190	150	119	120	147	149	146
82.5	91	105	127	101	83	86	106	106	106
85.0	45	50	69	62	55	57	67	69	66
87.5	13	14	21	26	28	29	33	34	35
90.0	0	0	0	0	0	0	0	0	0

*MAXIMUM CANDELA VALUE