

**LUMINAIRE:** CWW4-930LWG-2WW-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 48" led with frosted acrylic prisms lens  
**BALLAST:** XI054C150V054DNT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 4388  
**WATTS:** 48.50  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.15 90° = 1.25  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 0.25  
 WIDTH: 3.92  
 HEIGHT: 0.00

TEST #16.01298  
 DATE: 11/6/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 90**

**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.64**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

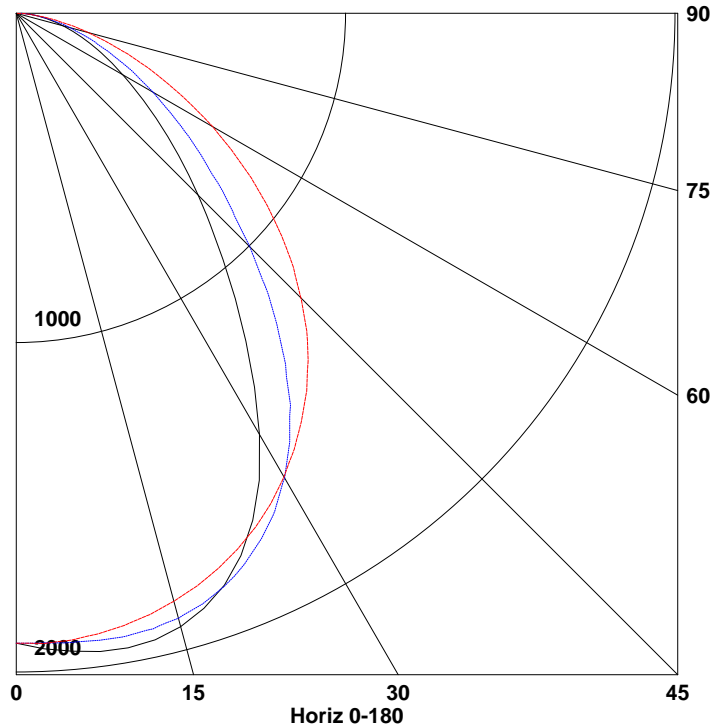
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1510	34.4	34.4
0-40	2388	54.4	54.4
0-60	3761	85.7	85.7
0-90	4388	100.0	100.0
0-180	4388	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	21001	21001	21001	21001	21001
30	18720	19176	20660	21079	20609
40	13994	14754	17621	20002	19758
45	12085	12799	15580	18935	18982
50	10594	11226	13619	17429	17976
55	9211	9843	11930	15607	16679
60	8194	8677	10544	13795	15113
65	7407	7771	9226	12059	13281
70	6744	7001	8125	10437	11529
75	6238	6408	7172	8785	9633
80	5883	5946	6389	7274	7843
85	5923	6049	6175	6175	6049

**INDOOR CANDELA PLOT**



0.0 ——— 45.0 ——— 90.0 ———

**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	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
	2	101	94	87	82	99	92	86	81	88	84	79	85	81	78	82	79	76	74
	3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	69	66	64
R	4	86	75	67	60	84	73	66	60	71	64	59	69	63	58	67	62	58	56
C	5	79	67	59	53	77	66	58	53	64	57	52	62	56	51	60	55	51	49
R	6	74	61	53	47	72	60	52	47	58	51	46	57	51	46	55	50	45	43
	7	69	56	48	42	67	55	47	42	53	46	41	52	46	41	51	45	41	39
	8	64	51	43	38	62	50	43	37	49	42	37	48	42	37	47	41	37	35
	9	60	47	39	34	59	47	39	34	45	39	34	44	38	34	43	38	33	32
	10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	40	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: \_\_\_\_\_

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**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1912	1912	1912	1912	1912
2.5	1931	1912	1913	1900	1915
5.0	1944	1921	1917	1899	1910
7.5	1954	1928	1920	1893	1900
10.0	<b>1956*</b>	1930	1920	1885	1887
12.5	1948	1922	1914	1875	1870
15.0	1928	1902	1901	1860	1848
17.5	1894	1873	1880	1840	1823
20.0	1847	1832	1850	1817	1793
22.5	1782	1775	1810	1788	1759
25.0	1698	1703	1760	1752	1720
27.5	1598	1615	1701	1711	1676
30.0	1476	1512	1629	1662	1625
32.5	1346	1393	1545	1607	1570
35.0	1215	1270	1451	1544	1510
37.5	1092	1147	1343	1473	1448
40.0	976	1029	1229	1395	1378
42.5	873	921	1114	1309	1305
45.0	778	824	1003	1219	1222
47.5	696	737	892	1119	1141
50.0	620	657	797	1020	1052
52.5	546	582	707	919	962
55.0	481	514	623	815	871
57.5	423	451	547	721	776
60.0	373	395	480	628	688
62.5	328	344	415	542	597
65.0	285	299	355	464	511
67.5	247	257	302	392	433
70.0	210	218	253	325	359
72.5	176	183	208	264	287
75.0	147	151	169	207	227
77.5	119	122	133	159	173
80.0	93	94	101	115	124
82.5	69	70	73	79	82
85.0	47	48	49	49	48
87.5	27	27	28	25	22
90.0	13	12	10	6	2

\*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