

**LUMINAIRE:** CWW4-935MLG-2WW-EDU  
 CWW Contemporary Wallwash, Recessed Architectural  
 3" x 48" led with frosted acrylic prisms lens  
 Scaled from Test#16.01299  
**BALLAST:** XI054C150V054DNT1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 4810  
**WATTS:** 53.10  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.16 90° = 1.26  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 0.25  
 WIDTH: 3.92  
 HEIGHT: 0.00

TEST #16344  
 DATE: 11/6/2017

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 91**

**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**

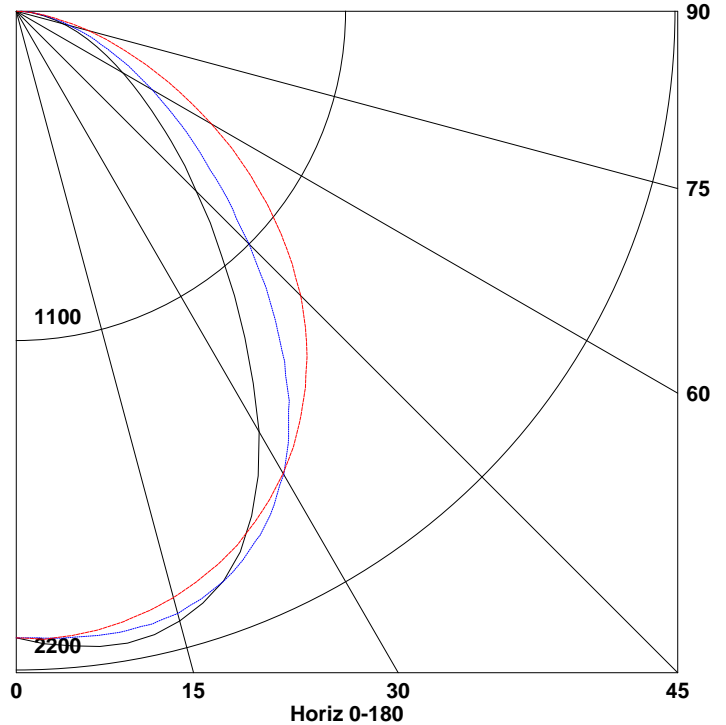
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1654	34.4	34.4
0-40	2616	54.4	54.4
0-60	4120	85.7	85.7
0-90	4810	100.0	100.0
0-180	4810	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	22978	22978	22978	22978	22978
30	20571	21028	22651	23083	22601
40	15299	16188	19299	21909	21650
45	13203	14011	17071	20644	20861
50	11534	12286	14900	19070	19702
55	10111	10781	13079	17100	18268
60	8963	9556	11533	15113	16563
65	8161	8551	10136	13177	14580
70	7483	7772	8992	11401	12524
75	6875	7087	7936	9676	10609
80	6515	6642	7084	8096	8476
85	6805	6805	7058	6805	6553

**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	46	58	51	46	57	51	46	55	50	45	43
	7	68	56	47	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	35	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: \_\_\_\_\_

**LUMINAIRE:** CWW4-935MLG-2WW-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 48" led with frosted acylic prised lens  
Scaled from Test#16.01299

TEST #16344  
DATE: 11/6/2017

**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	2092	2092	2092	2092	2092
2.5	2114	2094	2095	2083	2099
5.0	2127	2102	2099	2080	2093
7.5	2139	2111	2102	2074	2084
10.0	<b>2142*</b>	2113	2101	2065	2069
12.5	2132	2104	2096	2053	2050
15.0	2108	2084	2082	2036	2027
17.5	2072	2051	2057	2015	1998
20.0	2024	2007	2025	1990	1966
22.5	1954	1946	1981	1958	1929
25.0	1859	1866	1929	1919	1883
27.5	1749	1770	1862	1874	1835
30.0	1622	1658	1786	1820	1782
32.5	1473	1528	1692	1757	1723
35.0	1331	1396	1589	1691	1655
37.5	1197	1258	1472	1612	1586
40.0	1067	1129	1346	1528	1510
42.5	959	1011	1222	1435	1429
45.0	850	902	1099	1329	1343
47.5	764	807	982	1228	1250
50.0	675	719	872	1116	1153
52.5	597	639	773	1006	1055
55.0	528	563	683	893	954
57.5	466	495	598	790	856
60.0	408	435	525	688	754
62.5	359	378	453	596	653
65.0	314	329	390	507	561
67.5	273	283	331	429	473
70.0	233	242	280	355	390
72.5	195	202	230	288	318
75.0	162	167	187	228	250
77.5	133	135	147	175	187
80.0	103	105	112	128	134
82.5	78	80	82	87	90
85.0	54	54	56	54	52
87.5	32	33	32	28	25
90.0	16	15	12	7	2

\*MAXIMUM CANDELA VALUE



**LUMINAIRE:** CWW4-935MLG-2WW-EDU  
CWW Contemporary Wallwash, Recessed Architectural  
3" x 48" led with frosted acylic prised lens  
Scaled from Test#16.01299

TEST #16344  
DATE: 11/6/2017

**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