

LUMINAIRE: CWW4-930MLG-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: 4711
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 #16.01299
 DATE: 11/6/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 89

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.70
BASED ON 3000 HRS. AND \$.08 PER KWH

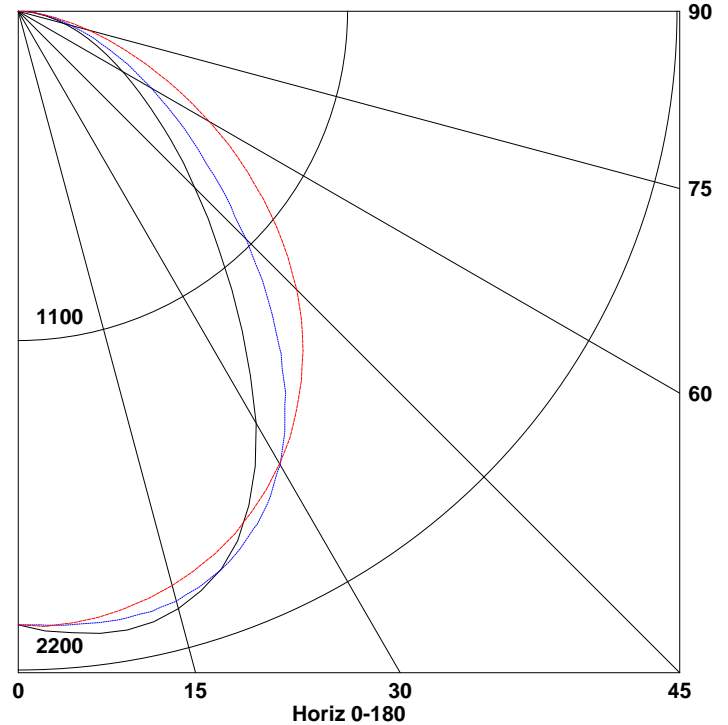
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1620	34.4	34.4
0-40	2562	54.4	54.4
0-60	4036	85.7	85.7
0-90	4711	100.0	100.0
0-180	4711	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	22505	22505	22505	22505	22505
30	20153	20597	22182	22613	22131
40	14983	15858	18898	21464	21206
45	12939	13716	16714	20224	20426
50	11295	12030	14593	18677	19292
55	9900	10551	12811	16756	17885
60	8787	9358	11291	14806	16212
65	8005	8369	9928	12917	14268
70	7322	7611	8799	11176	12268
75	6748	6960	7766	9464	10397
80	6389	6515	6958	7907	8286
85	6679	6679	6932	6679	6427

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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	2049	2049	2049	2049	2049
2.5	2071	2051	2052	2040	2056
5.0	2083	2059	2056	2037	2050
7.5	2095	2068	2059	2031	2041
10.0	2098*	2070	2058	2023	2026
12.5	2088	2061	2053	2011	2008
15.0	2065	2041	2039	1994	1985
17.5	2029	2009	2015	1974	1957
20.0	1982	1966	1983	1949	1926
22.5	1914	1906	1940	1918	1889
25.0	1821	1828	1889	1880	1844
27.5	1713	1734	1824	1835	1797
30.0	1589	1624	1749	1783	1745
32.5	1443	1497	1657	1721	1688
35.0	1304	1367	1556	1656	1621
37.5	1172	1232	1442	1579	1553
40.0	1045	1106	1318	1497	1479
42.5	939	990	1197	1405	1400
45.0	833	883	1076	1302	1315
47.5	748	790	962	1203	1224
50.0	661	704	854	1093	1129
52.5	585	626	757	985	1033
55.0	517	551	669	875	934
57.5	456	485	586	774	838
60.0	400	426	514	674	738
62.5	352	370	444	584	640
65.0	308	322	382	497	549
67.5	267	277	324	420	463
70.0	228	237	274	348	382
72.5	191	198	225	282	311
75.0	159	164	183	223	245
77.5	130	132	144	171	183
80.0	101	103	110	125	131
82.5	76	78	80	85	88
85.0	53	53	55	53	51
87.5	31	32	31	27	24
90.0	16	15	12	7	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