

**LUMINAIRE:** VSY24-35LWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 4' Led with acrylic diffuser  
**BALLAST:** XI040C110V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 4308  
**WATTS:** 33.33  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.20 90° = 1.20  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 3.92  
 WIDTH: 1.90  
 HEIGHT: 0.00

TEST #19.00978  
 DATE: 5/31/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 129**

**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.83**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

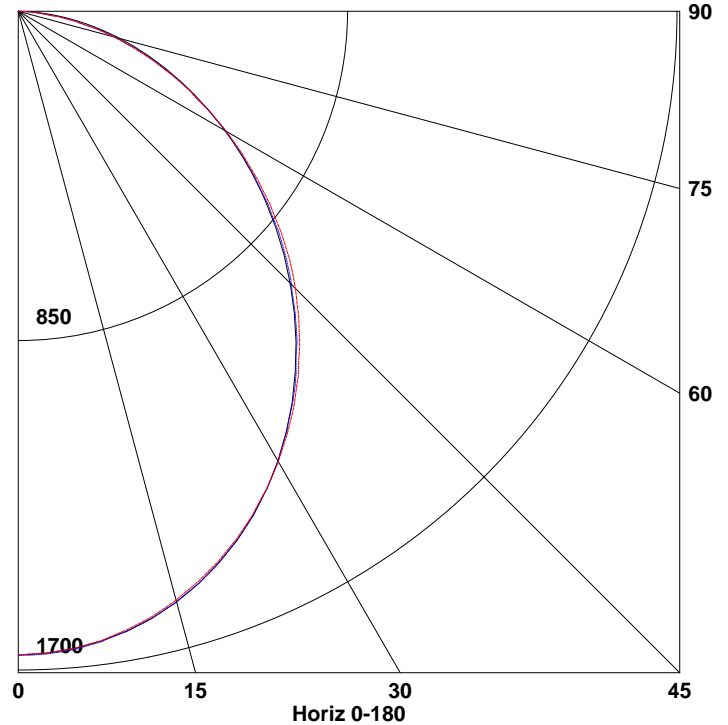
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1262	29.3	29.3
0-40	2034	47.2	47.2
0-60	3471	80.6	80.6
0-90	4308	100.0	100.0
0-180	4308	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2400	2400	2400	2400	2400
30	2236	2233	2236	2236	2240
40	2104	2098	2111	2119	2132
45	2027	2023	2038	2052	2066
50	1949	1947	1963	1974	1990
55	1867	1862	1877	1880	1895
60	1781	1778	1783	1778	1792
65	1693	1689	1679	1665	1682
70	1606	1597	1576	1551	1563
75	1508	1480	1446	1407	1424
80	1390	1340	1282	1223	1240
85	1244	1094	1012	895	912

**INDOOR CANDELA PLOT**



0.0 ——— 45.0 ——— 90.0 ———

**COEFFICIENTS OF UTILIZATION (%)**

**EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%**

**ZONAL CAVITY METHOD**

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
	80%				70%				50%				30%					
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	80	76	73	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	71	66	62	60
R	4	83	71	63	81	70	62	56	68	61	55	65	59	54	63	58	54	51
C	5	77	64	55	49	75	63	55	48	61	53	48	59	52	47	57	51	47
R	6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41
	7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37
	8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	44	38	33
	9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30
	10	54	41	33	28	53	40	33	28	39	32	27	38	32	27	37	31	27

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	1661*	1661	1661	1661	1661
2.5	1658	1659	1660	1659	1657
5.0	1651	1653	1653	1652	1650
7.5	1639	1641	1641	1640	1638
10.0	1623	1624	1624	1623	1620
12.5	1603	1604	1603	1601	1599
15.0	1578	1578	1577	1575	1573
17.5	1548	1548	1548	1545	1543
20.0	1514	1514	1514	1511	1510
22.5	1477	1476	1476	1473	1473
25.0	1435	1434	1435	1432	1432
27.5	1389	1388	1389	1387	1388
30.0	1340	1338	1340	1340	1342
32.5	1287	1285	1289	1289	1292
35.0	1232	1230	1234	1236	1241
37.5	1174	1172	1177	1181	1187
40.0	1115	1112	1119	1123	1130
42.5	1054	1052	1058	1064	1071
45.0	992	990	997	1004	1011
47.5	930	929	936	942	950
50.0	867	866	873	878	885
52.5	804	803	809	813	819
55.0	741	739	745	746	752
57.5	678	677	681	680	686
60.0	616	615	617	615	620
62.5	554	553	553	550	555
65.0	495	494	491	487	492
67.5	436	435	431	426	430
70.0	380	378	373	367	370
72.5	324	321	315	308	311
75.0	270	265	259	252	255
77.5	218	212	206	198	201
80.0	167	161	154	147	149
82.5	120	112	106	99	100
85.0	75	66	61	54	55
87.5	34	25	23	22	23
90.0	1	1	1	1	1

\*MAXIMUM CANDELA VALUE