

**LUMINAIRE:** VSY14-50HLHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 1' x 4' Led with acrylic diffuser  
 Data Scaled from Test# 19.01010  
**BALLAST:** XI050C140V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 5196  
**WATTS:** 38.46  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.21 90° = 1.23  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 3.91  
 WIDTH: 0.87  
 HEIGHT: 0.00

TEST #23395  
 DATE: 6/7/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 135**  
**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.75**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

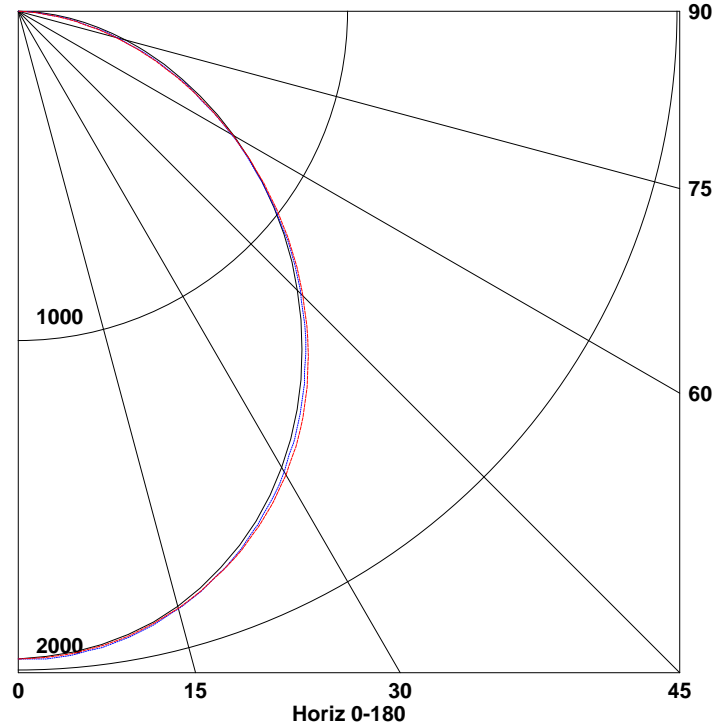
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1506	29.0	29.0
0-40	2438	46.9	46.9
0-60	4181	80.5	80.5
0-90	5196	100.0	100.0
0-180	5196	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	6221	6221	6221	6221	6221
30	5842	5853	5897	5908	5937
40	5535	5543	5609	5626	5659
45	5361	5374	5428	5437	5468
50	5184	5193	5223	5228	5257
55	4987	4993	4982	4987	5020
60	4784	4772	4727	4715	4759
65	4567	4522	4462	4425	4455
70	4367	4256	4182	4099	4136
75	4120	3937	3827	3717	3741
80	3863	3535	3353	3189	3225
85	3486	2868	2542	2215	2215

**INDOOR CANDELA PLOT**



0.0 ——— 45.0 ——— 90.0 ———

**COEFFICIENTS OF UTILIZATION (%)**

**ZONAL CAVITY METHOD**

**EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%**

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	79	76	73	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	70	66	62	60
R	4	83	71	63	81	70	62	56	67	60	55	65	59	54	63	58	53	51
C	5	77	64	55	74	63	54	48	61	53	48	59	52	47	57	51	47	44
R	6	71	58	49	69	57	48	42	55	47	42	53	47	41	52	46	41	39
	7	66	52	44	64	51	43	37	50	43	37	49	42	37	47	41	37	35
	8	61	48	39	60	47	39	33	46	38	33	45	38	33	43	37	33	31
	9	57	44	36	56	43	35	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	52	40	32	27	39	32	27	38	32	27	37	31	27	25

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:** VSY14-50HLHE-EDU  
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**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1966	1966	1966	1966	1966
2.5	1960	1962	<b>1968*</b>	1962	1963
5.0	1952	1955	1960	1955	1956
7.5	1939	1941	1948	1941	1943
10.0	1921	1923	1930	1924	1926
12.5	1899	1900	1907	1902	1903
15.0	1870	1872	1878	1874	1876
17.5	1836	1839	1846	1842	1845
20.0	1797	1800	1808	1805	1809
22.5	1755	1758	1767	1765	1771
25.0	1708	1711	1720	1720	1726
27.5	1656	1659	1669	1670	1678
30.0	1599	1602	1614	1617	1625
32.5	1539	1542	1555	1559	1568
35.0	1476	1478	1492	1498	1506
37.5	1410	1412	1427	1433	1440
40.0	1340	1342	1358	1362	1370
42.5	1270	1272	1287	1290	1297
45.0	1198	1201	1213	1215	1222
47.5	1127	1129	1138	1139	1147
50.0	1053	1055	1061	1062	1068
52.5	978	979	982	983	990
55.0	904	905	903	904	910
57.5	829	829	825	825	831
60.0	756	754	747	745	752
62.5	682	678	671	667	672
65.0	610	604	596	591	595
67.5	539	531	523	516	520
70.0	472	460	452	443	447
72.5	404	391	381	373	376
75.0	337	322	313	304	306
77.5	274	257	247	238	240
80.0	212	194	184	175	177
82.5	153	134	125	116	116
85.0	96	79	70	61	61
87.5	44	28	23	21	22
90.0	1	1	1	1	1

\*MAXIMUM CANDELA VALUE