

**LUMINAIRE:** VSY14-40VWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 1' x 4' Led with acrylic diffuser  
 Data Scaled from Test# 19.00992  
**BALLAST:** XI040C110V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 3251  
**WATTS:** 25.13  
**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 #23370  
 DATE: 6/7/2019

**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 = \$1.85**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

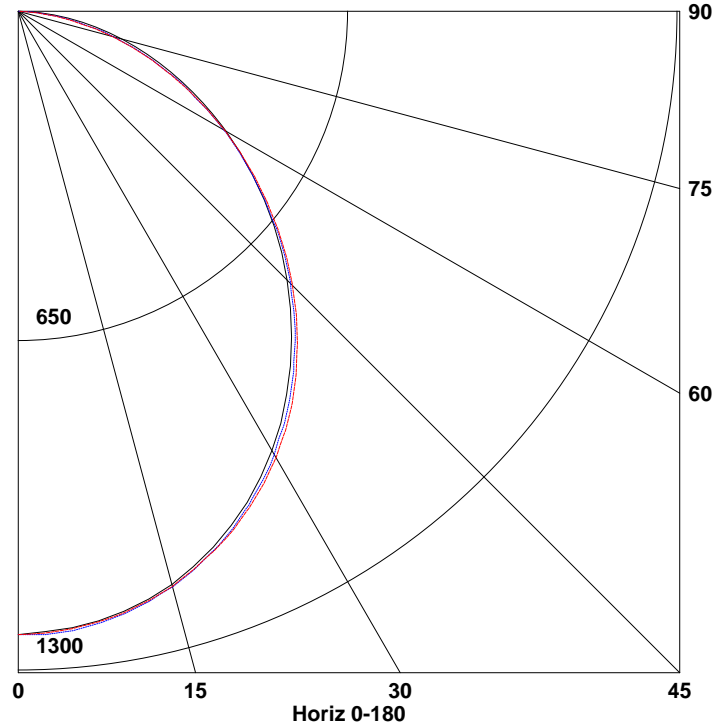
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	942	29.0	29.0
0-40	1525	46.9	46.9
0-60	2616	80.5	80.5
0-90	3251	100.0	100.0
0-180	3251	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3892	3892	3892	3892	3892
30	3657	3665	3690	3698	3716
40	3466	3470	3511	3519	3540
45	3356	3365	3401	3405	3423
50	3244	3249	3269	3269	3293
55	3117	3117	3117	3117	3145
60	2993	2981	2962	2955	2981
65	2853	2830	2793	2770	2785
70	2729	2665	2618	2572	2591
75	2580	2457	2396	2323	2347
80	2405	2205	2114	1986	2004
85	2178	1815	1598	1380	1380

**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	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	56	81	70	62	56	67	60	55	65	59	54	63	58	53	51
C	5	77	64	55	48	74	63	54	48	61	53	48	59	52	47	57	51	47	44
R	6	71	58	49	42	69	57	48	42	55	47	42	53	47	41	52	46	41	39
	7	66	52	44	38	64	51	43	37	50	43	37	49	42	37	47	41	37	35
	8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	31
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	27	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:** VSY14-40VWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 1' x 4' Led with acrylic diffuser  
 Data Scaled from Test# 19.00992

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**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1230	1230	1230	1230	1230
2.5	1225	1228	1231*	1228	1228
5.0	1221	1222	1227	1222	1223
7.5	1213	1214	1218	1215	1215
10.0	1202	1203	1207	1203	1205
12.5	1188	1189	1193	1190	1191
15.0	1171	1172	1176	1173	1175
17.5	1149	1150	1155	1152	1154
20.0	1125	1127	1131	1129	1132
22.5	1098	1100	1105	1104	1108
25.0	1069	1070	1076	1076	1080
27.5	1036	1037	1044	1045	1050
30.0	1001	1003	1010	1012	1017
32.5	964	964	973	975	981
35.0	923	925	934	937	943
37.5	882	884	893	896	901
40.0	839	840	850	852	857
42.5	795	796	805	806	812
45.0	750	752	760	761	765
47.5	705	707	713	713	718
50.0	659	660	664	664	669
52.5	612	613	614	615	619
55.0	565	565	565	565	570
57.5	519	519	517	516	520
60.0	473	471	468	467	471
62.5	427	425	420	418	421
65.0	381	378	373	370	372
67.5	338	332	327	322	325
70.0	295	288	283	278	280
72.5	252	244	239	233	235
75.0	211	201	196	190	192
77.5	171	161	155	148	151
80.0	132	121	116	109	110
82.5	95	84	78	72	73
85.0	60	50	44	38	38
87.5	27	18	15	13	14
90.0	1	0	1	0	1

\*MAXIMUM CANDELA VALUE