

**LUMINAIRE:** VSY14-35MWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 1' x 4' Led with acrylic diffuser  
**BALLAST:** XI040C110V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 3797  
**WATTS:** 29.09  
**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 #19.01124  
 DATE: 6/13/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 131**

**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**

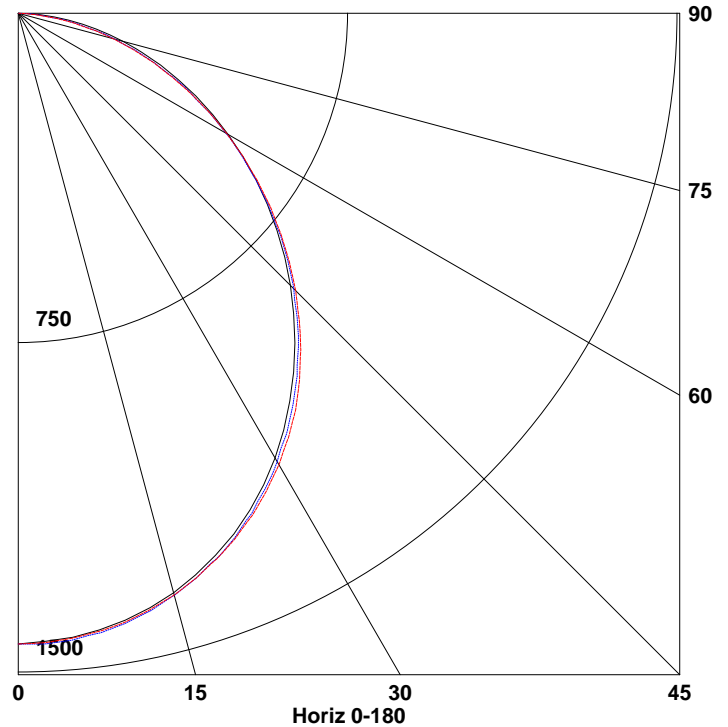
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1100	29.0	29.0
0-40	1781	46.9	46.9
0-60	3054	80.5	80.5
0-90	3797	100.0	100.0
0-180	3797	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4544	4544	4544	4544	4544
30	4271	4279	4308	4315	4337
40	4048	4052	4098	4110	4135
45	3920	3929	3969	3969	3996
50	3786	3795	3815	3815	3840
55	3647	3647	3641	3641	3669
60	3493	3487	3455	3443	3474
65	3339	3302	3264	3227	3257
70	3192	3109	3053	2998	3025
75	3020	2873	2800	2714	2739
80	2825	2588	2460	2333	2351
85	2542	2106	1852	1598	1634

**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:** VSY14-35MWHE-EDU  
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1' x 4' Led with acrylic diffuser

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**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1436	1436	1436	1436	1436
2.5	1431	1433	<b>1437*</b>	1433	1434
5.0	1426	1428	1432	1428	1428
7.5	1416	1418	1423	1419	1419
10.0	1403	1405	1410	1406	1407
12.5	1386	1388	1393	1389	1390
15.0	1366	1368	1372	1369	1371
17.5	1341	1343	1348	1345	1348
20.0	1313	1315	1321	1318	1322
22.5	1283	1284	1291	1289	1293
25.0	1248	1250	1257	1256	1261
27.5	1210	1212	1219	1220	1225
30.0	1169	1171	1179	1181	1187
32.5	1125	1126	1136	1139	1145
35.0	1078	1080	1090	1094	1101
37.5	1030	1032	1043	1046	1052
40.0	980	981	992	995	1001
42.5	928	930	940	942	947
45.0	876	878	887	887	893
47.5	823	825	832	832	837
50.0	769	771	775	775	780
52.5	715	716	718	718	723
55.0	661	661	660	660	665
57.5	606	606	603	602	607
60.0	552	551	546	544	549
62.5	499	496	491	487	491
65.0	446	441	436	431	435
67.5	394	388	382	376	379
70.0	345	336	330	324	327
72.5	295	285	278	272	274
75.0	247	235	229	222	224
77.5	200	188	180	174	176
80.0	155	142	135	128	129
82.5	111	99	91	85	86
85.0	70	58	51	44	45
87.5	32	21	18	16	17
90.0	1	1	1	0	1

\*MAXIMUM CANDELA VALUE