

**LUMINAIRE:** VSY24-40VWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 4' Led with acrylic diffuser  
 Data Scaled from Test# 19.00980  
**BALLAST:** XI040C110V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 3267  
**WATTS:** 25.19  
**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 #23367

DATE: 6/10/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 130**

**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**

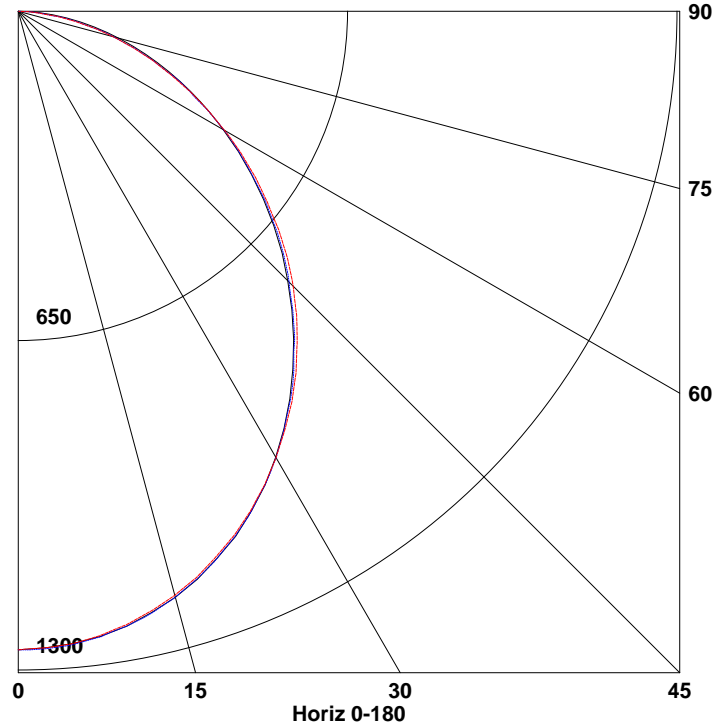
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	957	29.3	29.3
0-40	1543	47.2	47.2
0-60	2632	80.6	80.6
0-90	3267	100.0	100.0
0-180	3267	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	1821	1821	1821	1821	1821
30	1695	1694	1697	1695	1697
40	1594	1592	1600	1605	1615
45	1537	1535	1545	1555	1568
50	1479	1477	1488	1497	1509
55	1416	1411	1421	1424	1439
60	1350	1347	1353	1347	1359
65	1282	1279	1276	1262	1276
70	1217	1213	1196	1175	1187
75	1139	1122	1094	1067	1078
80	1057	1015	974	932	940
85	945	846	763	680	696

**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	102	100
1	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84	84
2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	80	76	73	71	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	71	66	62	60	60
R	4	83	71	63	56	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	45
R	6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	39
	7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37	35
	8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	44	38	33	31
	9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	28	53	40	33	28	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:** VSY24-40VWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 4' Led with acrylic diffuser  
 Data Scaled from Test# 19.00980

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 DATE: 6/10/2019

**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1260*	1260	1260	1260	1260
2.5	1257	1259	1259	1259	1257
5.0	1252	1253	1254	1253	1252
7.5	1244	1244	1245	1244	1242
10.0	1232	1232	1232	1231	1229
12.5	1215	1216	1216	1214	1212
15.0	1197	1197	1197	1194	1193
17.5	1175	1175	1174	1172	1171
20.0	1148	1148	1148	1145	1144
22.5	1121	1120	1120	1118	1117
25.0	1088	1088	1088	1086	1086
27.5	1054	1053	1054	1052	1053
30.0	1016	1015	1017	1016	1017
32.5	976	974	977	977	979
35.0	934	933	936	938	941
37.5	890	889	893	895	900
40.0	845	844	848	851	856
42.5	799	798	802	806	813
45.0	752	751	756	761	767
47.5	706	705	710	714	720
50.0	658	657	662	666	671
52.5	610	609	614	616	620
55.0	562	560	564	565	571
57.5	515	514	517	516	521
60.0	467	466	468	466	470
62.5	421	420	420	417	421
65.0	375	374	373	369	373
67.5	331	330	327	322	325
70.0	288	287	283	278	281
72.5	246	244	239	234	236
75.0	204	201	196	191	193
77.5	165	161	156	151	153
80.0	127	122	117	112	113
82.5	92	85	80	74	76
85.0	57	51	46	41	42
87.5	25	19	18	16	18
90.0	1	1	1	1	1

\*MAXIMUM CANDELA VALUE