

**LUMINAIRE:** VSY14-30MWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 1' x 4' Led with acrylic diffuser  
 Data Scaled from Test# 19.01124  
**BALLAST:** XI040C110V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 3706  
**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 #23377

DATE: 6/13/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 127**

**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.88**

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

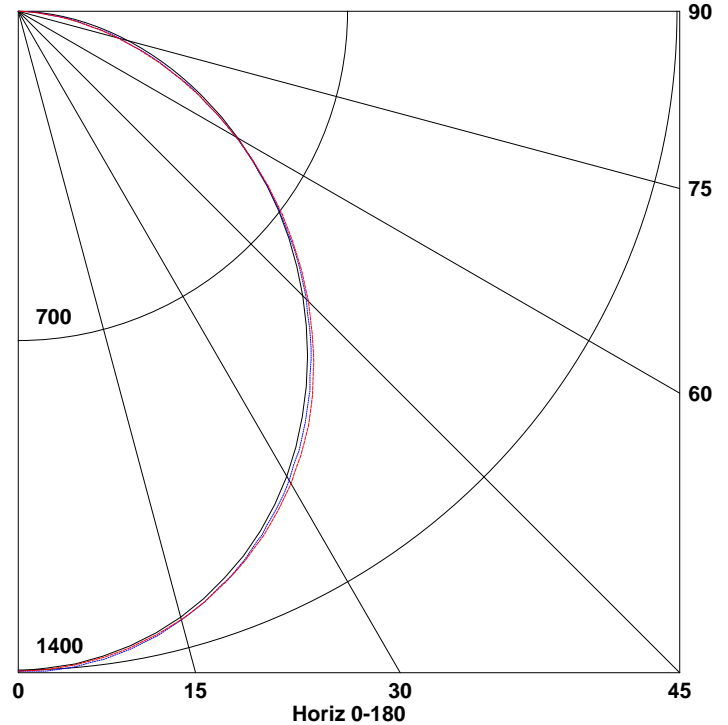
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1074	29.0	29.0
0-40	1738	46.9	46.9
0-60	2981	80.4	80.4
0-90	3706	100.0	100.0
0-180	3706	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4436	4436	4436	4436	4436
30	4169	4176	4206	4213	4235
40	3949	3953	3998	4011	4036
45	3826	3835	3875	3875	3902
50	3697	3707	3722	3722	3746
55	3558	3558	3553	3553	3580
60	3411	3405	3373	3360	3392
65	3257	3220	3190	3152	3182
70	3118	3035	2979	2924	2951
75	2946	2800	2739	2653	2677
80	2752	2533	2405	2278	2296
85	2469	2070	1815	1561	1598

**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	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
C	5	77	64	55	48	74	63	54	48	61	53	48	59	52	47	57	51	47
R	6	71	58	49	42	69	57	48	42	55	47	42	53	47	41	52	46	41
	7	66	52	44	38	64	51	43	37	50	43	37	49	42	37	47	41	37
	8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30
	10	54	41	33	27	52	40	32	27	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: \_\_\_\_\_

**LUMINAIRE:** VSY14-30MWHE-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	1402	1402	1402	1402	1402
2.5	1397	1399	1403*	1399	1400
5.0	1392	1394	1398	1394	1394
7.5	1382	1384	1389	1385	1385
10.0	1369	1371	1376	1372	1373
12.5	1353	1355	1360	1356	1357
15.0	1333	1335	1339	1336	1338
17.5	1309	1311	1316	1313	1316
20.0	1281	1283	1289	1286	1290
22.5	1252	1253	1260	1258	1262
25.0	1218	1220	1227	1226	1231
27.5	1181	1183	1190	1191	1196
30.0	1141	1143	1151	1153	1159
32.5	1098	1099	1109	1112	1118
35.0	1052	1054	1064	1068	1075
37.5	1005	1007	1018	1021	1027
40.0	956	957	968	971	977
42.5	906	908	917	919	924
45.0	855	857	866	866	872
47.5	803	805	812	812	817
50.0	751	753	756	756	761
52.5	698	699	701	701	706
55.0	645	645	644	644	649
57.5	591	591	589	588	592
60.0	539	538	533	531	536
62.5	487	484	479	475	479
65.0	435	430	426	421	425
67.5	385	379	373	367	370
70.0	337	328	322	316	319
72.5	288	278	271	265	267
75.0	241	229	224	217	219
77.5	195	183	176	170	172
80.0	151	139	132	125	126
82.5	108	97	89	83	84
85.0	68	57	50	43	44
87.5	31	21	18	16	17
90.0	1	1	1	0	1

\*MAXIMUM CANDELA VALUE