

**LUMINAIRE:** VSY14-50XWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 1' x 4' Led with acrylic diffuser  
**BALLAST:** XI020C056V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 2129  
**WATTS:** 17.54  
**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 #19.01135  
 DATE: 6/14/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 121**

**ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.03**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

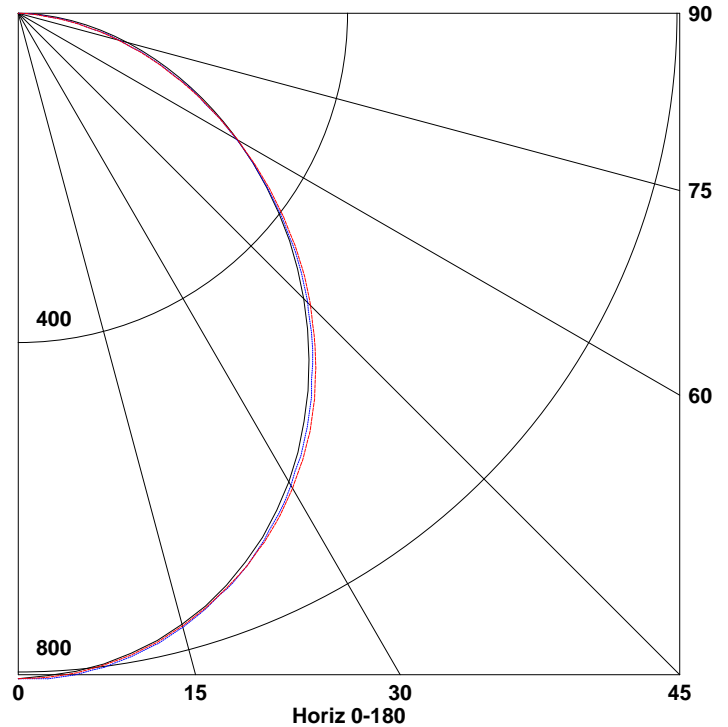
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	618	29.0	29.0
0-40	1001	47.0	47.0
0-60	1714	80.5	80.5
0-90	2129	100.0	100.0
0-180	2129	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	2557	2557	2557	2557	2557
30	2401	2404	2419	2422	2433
40	2268	2272	2297	2305	2321
45	2193	2197	2224	2229	2246
50	2117	2122	2136	2141	2161
55	2030	2036	2036	2041	2058
60	1943	1943	1937	1930	1949
65	1857	1842	1827	1812	1827
70	1767	1730	1712	1684	1693
75	1675	1602	1565	1528	1540
80	1567	1458	1367	1312	1330
85	1416	1198	1053	908	944

**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	80	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	68	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	45
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	52	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	36	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	28	52	40	33	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:** VSY14-50XWHE-EDU  
Versify™ Architectural Edge Lit, Recessed Architectural  
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	808	808	808	808	808
2.5	805	806	809*	807	807
5.0	802	803	806	803	804
7.5	797	798	801	798	798
10.0	789	791	793	790	791
12.5	780	781	784	781	782
15.0	768	770	772	769	770
17.5	755	756	758	756	757
20.0	739	740	743	741	742
22.5	721	722	726	724	726
25.0	702	703	706	706	708
27.5	680	681	685	685	688
30.0	657	658	662	663	666
32.5	632	633	638	639	643
35.0	605	607	612	614	618
37.5	578	579	585	587	591
40.0	549	550	556	558	562
42.5	520	521	527	529	532
45.0	490	491	497	498	502
47.5	460	461	466	467	471
50.0	430	431	434	435	439
52.5	399	400	402	403	406
55.0	368	369	369	370	373
57.5	338	338	338	338	340
60.0	307	307	306	305	308
62.5	277	276	275	273	275
65.0	248	246	244	242	244
67.5	219	216	214	211	213
70.0	191	187	185	182	183
72.5	164	159	156	153	154
75.0	137	131	128	125	126
77.5	111	105	101	97	99
80.0	86	80	75	72	73
82.5	62	56	51	48	48
85.0	39	33	29	25	26
87.5	18	12	11	10	11
90.0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE