

**LUMINAIRE:** VSY24-35VWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 4' Led with acrylic diffuser  
**BALLAST:** XI040C110V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 3212  
**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 #19.00980  
 DATE: 6/10/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 128**

**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**

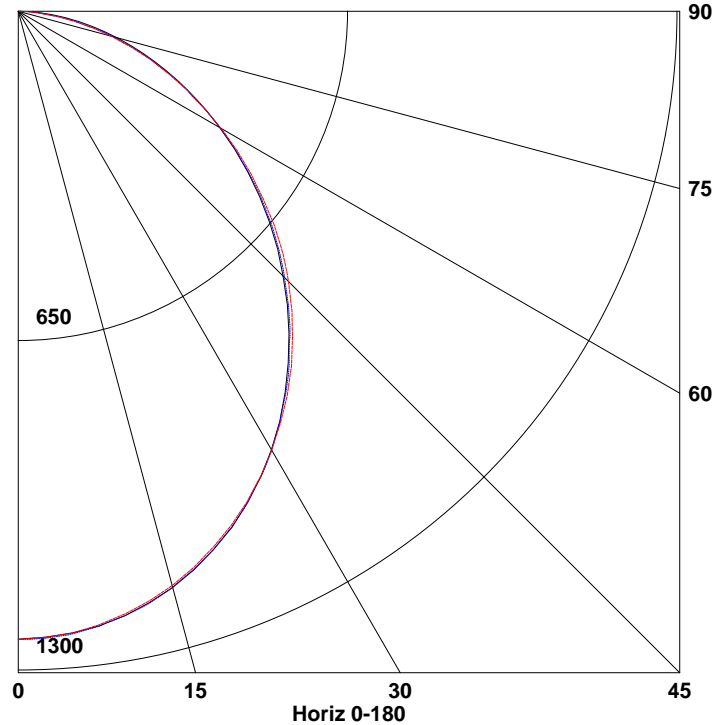
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	941	29.3	29.3
0-40	1517	47.2	47.2
0-60	2588	80.6	80.6
0-90	3212	100.0	100.0
0-180	3212	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	1791	1791	1791	1791	1791
30	1667	1665	1669	1667	1669
40	1568	1566	1573	1579	1589
45	1510	1508	1519	1529	1541
50	1455	1452	1464	1473	1484
55	1393	1388	1398	1401	1414
60	1327	1324	1330	1324	1335
65	1262	1258	1255	1241	1255
70	1196	1192	1175	1154	1166
75	1122	1106	1078	1050	1061
80	1040	999	957	916	924
85	929	829	746	663	680

**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	80	76	73	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	71	66	62	60
R	4	83	71	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54
C	5	77	64	55	49	75	63	55	48	61	53	48	59	52	47	57	51	47
R	6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41
	7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37
	8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	44	38	33
	9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30
	10	54	41	33	28	53	40	33	28	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:** VSY24-35VWHE-EDU  
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2' 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	1239*	1239	1239	1239	1239
2.5	1236	1238	1238	1238	1236
5.0	1231	1232	1233	1232	1231
7.5	1223	1223	1224	1223	1221
10.0	1211	1211	1211	1210	1208
12.5	1195	1196	1196	1194	1192
15.0	1177	1177	1177	1174	1173
17.5	1155	1155	1154	1152	1151
20.0	1129	1129	1129	1126	1125
22.5	1102	1101	1101	1099	1098
25.0	1070	1070	1070	1068	1068
27.5	1036	1035	1036	1034	1035
30.0	999	998	1000	999	1000
32.5	960	958	961	961	963
35.0	918	917	920	922	925
37.5	875	874	878	880	885
40.0	831	830	834	837	842
42.5	786	785	789	793	799
45.0	739	738	743	748	754
47.5	694	693	698	702	708
50.0	647	646	651	655	660
52.5	600	599	604	606	610
55.0	553	551	555	556	561
57.5	506	505	508	507	512
60.0	459	458	460	458	462
62.5	414	413	413	410	414
65.0	369	368	367	363	367
67.5	325	324	322	317	320
70.0	283	282	278	273	276
72.5	242	240	235	230	232
75.0	201	198	193	188	190
77.5	162	158	153	148	150
80.0	125	120	115	110	111
82.5	90	84	79	73	75
85.0	56	50	45	40	41
87.5	25	19	18	16	18
90.0	1	1	1	1	1

\*MAXIMUM CANDELA VALUE