

**LUMINAIRE:** VSY24-35HLHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 4' Led with acrylic diffuser  
**BALLAST:** XI050C140V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 5648  
**WATTS:** 38.49  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.20 90° = 1.21  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 3.92  
 WIDTH: 1.90  
 HEIGHT: 0.00

TEST #19.01004  
 DATE: 6/12/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 147**

**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.61**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

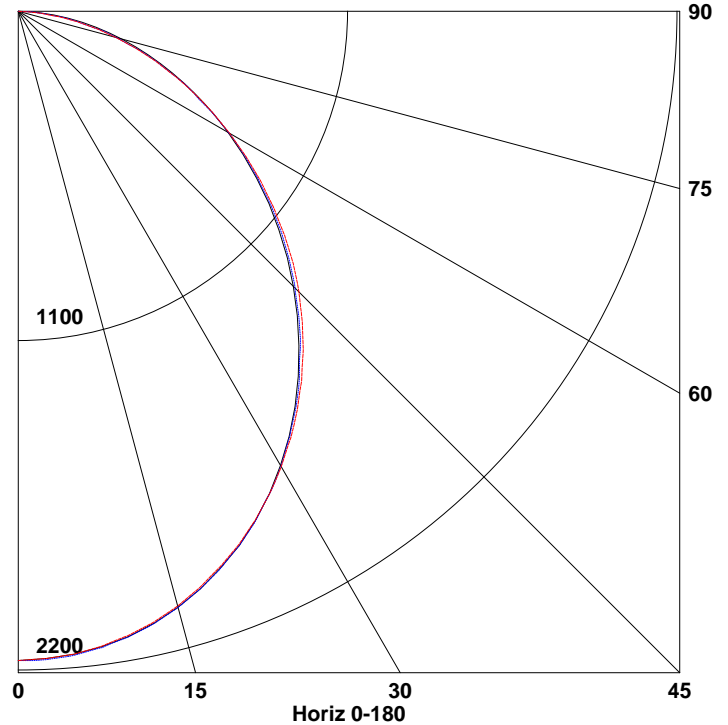
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1649	29.2	29.2
0-40	2660	47.1	47.1
0-60	4544	80.5	80.5
0-90	5648	100.0	100.0
0-180	5648	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3133	3133	3133	3133	3133
30	2922	2920	2927	2925	2930
40	2751	2747	2764	2777	2792
45	2655	2651	2671	2690	2708
50	2554	2552	2577	2592	2608
55	2449	2447	2467	2469	2489
60	2338	2333	2344	2338	2356
65	2223	2219	2213	2199	2216
70	2113	2100	2075	2045	2066
75	1988	1949	1910	1865	1887
80	1839	1764	1706	1631	1648
85	1642	1459	1360	1211	1244

**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	61	55	65	59	54	63	58	53	51
C	5	77	64	55	48	75	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	42	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	34	46	39	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	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:** VSY24-35HLHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 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	2168*	2168	2168	2168	2168
2.5	2163	2166	2167	2166	2163
5.0	2155	2157	2158	2156	2154
7.5	2140	2142	2143	2141	2138
10.0	2120	2121	2121	2119	2116
12.5	2093	2093	2094	2091	2089
15.0	2060	2060	2061	2057	2056
17.5	2022	2022	2022	2018	2017
20.0	1977	1978	1978	1974	1973
22.5	1930	1929	1930	1926	1926
25.0	1875	1874	1876	1873	1874
27.5	1816	1814	1817	1815	1817
30.0	1751	1750	1754	1753	1756
32.5	1683	1681	1686	1688	1692
35.0	1611	1609	1616	1619	1624
37.5	1536	1534	1542	1547	1554
40.0	1458	1456	1465	1472	1480
42.5	1379	1377	1387	1395	1404
45.0	1299	1297	1307	1316	1325
47.5	1219	1217	1227	1236	1245
50.0	1136	1135	1146	1153	1160
52.5	1055	1053	1063	1067	1074
55.0	972	971	979	980	988
57.5	890	889	896	894	901
60.0	809	807	811	809	815
62.5	729	728	728	725	731
65.0	650	649	647	643	648
67.5	573	572	567	561	567
70.0	500	497	491	484	489
72.5	427	423	415	408	412
75.0	356	349	342	334	338
77.5	287	279	272	263	267
80.0	221	212	205	196	198
82.5	158	148	141	132	134
85.0	99	88	82	73	75
87.5	44	34	30	29	31
90.0	2	1	1	1	1

\*MAXIMUM CANDELA VALUE