

**LUMINAIRE:** VSY22-50VLHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 2' Led with acrylic diffuser  
**BALLAST:** XI040C110V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 4657  
**WATTS:** 32.26  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.19 90° = 1.19  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 1.91  
 WIDTH: 1.91  
 HEIGHT: 0.00

TEST #19.00858  
 DATE: 6/10/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 144**

**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.64**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

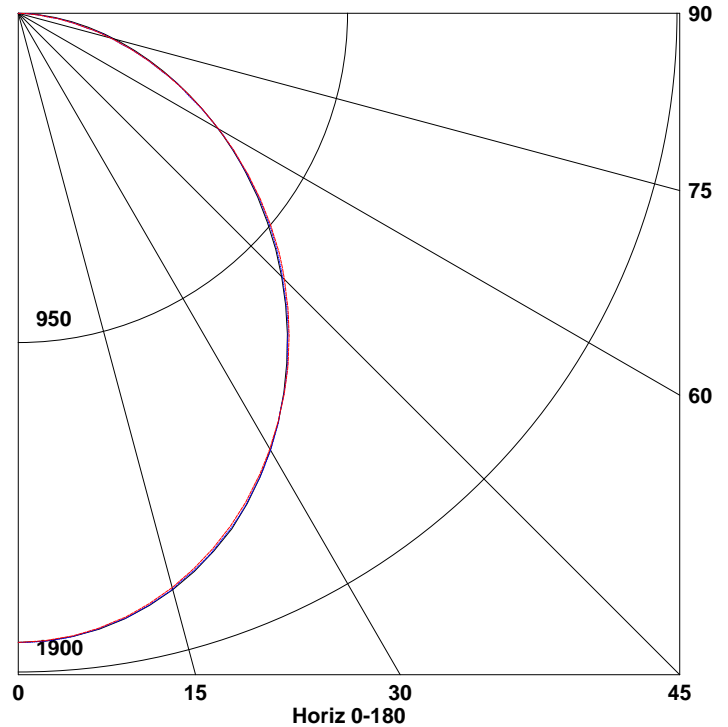
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1373	29.5	29.5
0-40	2208	47.4	47.4
0-60	3759	80.7	80.7
0-90	4657	100.0	100.0
0-180	4657	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	5352	5352	5352	5352	5352
30	4954	4947	4957	4940	4944
40	4649	4641	4661	4664	4680
45	4482	4473	4498	4515	4532
50	4306	4301	4329	4342	4361
55	4120	4115	4141	4131	4162
60	3924	3918	3930	3907	3936
65	3714	3714	3693	3658	3700
70	3511	3494	3451	3399	3451
75	3272	3215	3158	3089	3146
80	2991	2872	2787	2685	2736
85	2573	2302	2167	1964	2031

**INDOOR CANDELA PLOT**



0.0 ——— 45.0 ——— 90.0 ——— 190.0

**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	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	102	
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	106	102	102	102	102	
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	86	86	84	
2	99	91	85	79	97	89	83	78	86	81	76	83	78	75	80	76	73	73	73	71	
3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	71	66	62	62	62	60	
R	4	83	72	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54	54	54	52
C	5	77	64	55	49	75	63	55	48	61	54	48	59	52	47	57	51	47	47	47	45
R	6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	41	41	39
7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	37	37	35	
8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	33	33	31	
9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	30	30	28	
10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	38	32	27	27	27	26	

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: \_\_\_\_\_

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**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1814*	1814	1814	1814	1814
2.5	1812	1811	1812	1811	1811
5.0	1804	1803	1804	1802	1802
7.5	1791	1790	1790	1789	1788
10.0	1773	1772	1772	1769	1769
12.5	1749	1748	1747	1745	1744
15.0	1721	1719	1719	1715	1715
17.5	1688	1686	1685	1681	1680
20.0	1650	1648	1647	1642	1642
22.5	1609	1606	1606	1600	1600
25.0	1561	1559	1559	1554	1554
27.5	1509	1507	1509	1503	1504
30.0	1454	1452	1455	1450	1451
32.5	1396	1394	1397	1394	1395
35.0	1335	1333	1337	1335	1338
37.5	1272	1270	1275	1274	1278
40.0	1207	1205	1210	1211	1215
42.5	1141	1139	1145	1147	1151
45.0	1074	1072	1078	1082	1086
47.5	1007	1005	1012	1015	1020
50.0	938	937	943	946	950
52.5	870	868	875	874	880
55.0	801	800	805	803	809
57.5	732	732	736	732	738
60.0	665	664	666	662	667
62.5	598	598	596	592	598
65.0	532	532	529	524	530
67.5	468	467	463	458	464
70.0	407	405	400	394	400
72.5	346	343	337	332	337
75.0	287	282	277	271	276
77.5	231	225	219	213	217
80.0	176	169	164	158	161
82.5	124	117	112	106	109
85.0	76	68	64	58	60
87.5	31	25	22	20	22
90.0	1	0	0	0	0

\*MAXIMUM CANDELA VALUE