

**LUMINAIRE:** VSY22-50VWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 2' Led with acrylic diffuser  
**BALLAST:** OTi 20  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 1444  
**WATTS:** 11.20  
**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 #19.01070  
 DATE: 6/10/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 129**

**ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT INTENSIVE USE**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.83**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

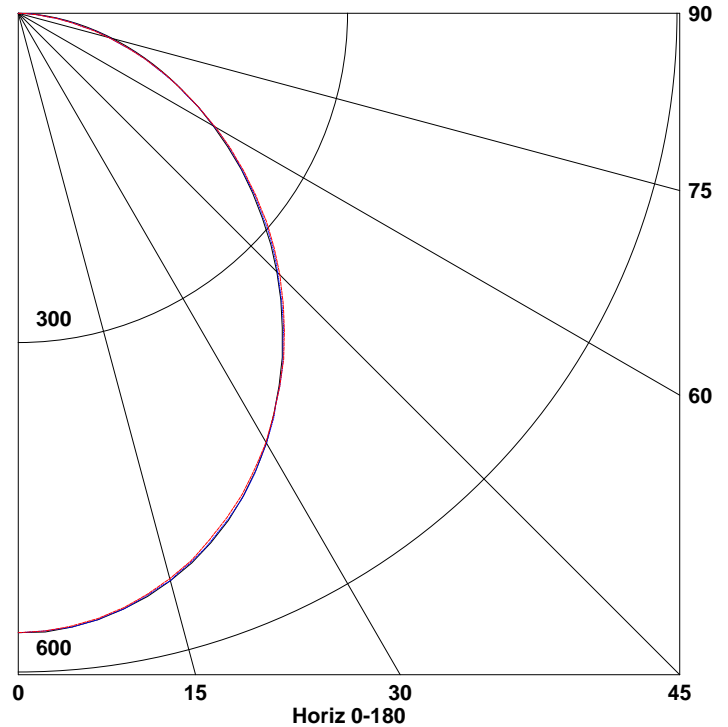
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	427	29.6	29.6
0-40	686	47.5	47.5
0-60	1166	80.8	80.8
0-90	1444	100.0	100.0
0-180	1444	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	1664	1664	1664	1664	1664
30	1540	1537	1540	1533	1537
40	1441	1437	1448	1448	1452
45	1390	1385	1394	1398	1406
50	1331	1331	1340	1345	1354
55	1276	1271	1281	1276	1291
60	1210	1210	1216	1204	1222
65	1145	1145	1145	1131	1145
70	1087	1078	1070	1052	1070
75	1015	992	980	958	969
80	918	884	867	833	850
85	779	711	677	609	643

**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	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
	2	99	91	85	79	97	90	83	78	86	81	76	83	78	75	80	76	73	71
	3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	71	66	62	60
R	4	83	72	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54	52
C	5	77	64	55	49	75	63	55	49	61	54	48	59	53	47	57	51	47	45
R	6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
	7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	42	37	35
	8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
	9	57	44	36	31	56	44	36	31	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	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	564*	564	564	564	564
2.5	564	563	563	563	563
5.0	561	561	561	561	560
7.5	557	557	557	556	556
10.0	551	551	551	550	550
12.5	544	543	543	542	542
15.0	535	534	535	533	533
17.5	525	524	524	522	523
20.0	513	512	512	510	510
22.5	500	499	499	497	497
25.0	485	484	485	483	483
27.5	469	468	469	467	467
30.0	452	451	452	450	451
32.5	433	432	434	433	433
35.0	414	413	415	414	415
37.5	395	394	396	395	397
40.0	374	373	376	376	377
42.5	354	353	355	356	357
45.0	333	332	334	335	337
47.5	312	311	314	314	316
50.0	290	290	292	293	295
52.5	269	268	271	271	273
55.0	248	247	249	248	251
57.5	226	226	228	226	229
60.0	205	205	206	204	207
62.5	185	184	185	183	185
65.0	164	164	164	162	164
67.5	145	144	143	141	144
70.0	126	125	124	122	124
72.5	107	106	104	102	104
75.0	89	87	86	84	85
77.5	71	69	68	66	67
80.0	54	52	51	49	50
82.5	38	36	35	33	34
85.0	23	21	20	18	19
87.5	10	8	7	6	7
90.0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE