

**LUMINAIRE:** VSY12-35MWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 1' x 2' Led with acrylic diffuser  
**BALLAST:** XI020C056V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 1952  
**WATTS:** 15.22  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.21 90° = 1.24  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 1.91  
 WIDTH: 0.86  
 HEIGHT: 0.00

TEST #19.00997  
 DATE: 6/7/2019

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

**ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.85**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

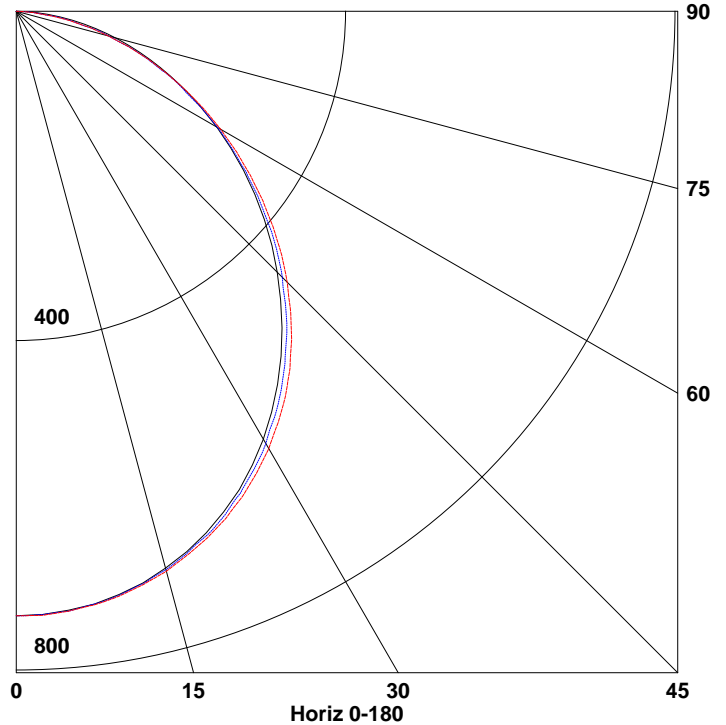
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	564	28.9	28.9
0-40	915	46.9	46.9
0-60	1572	80.5	80.5
0-90	1952	100.0	100.0
0-180	1952	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4810	4810	4810	4810	4810
30	4540	4540	4585	4616	4638
40	4294	4294	4371	4414	4448
45	4152	4161	4235	4272	4309
50	4006	4017	4068	4108	4149
55	3850	3850	3896	3919	3964
60	3683	3670	3696	3709	3761
65	3504	3473	3473	3473	3520
70	3334	3276	3257	3219	3276
75	3140	3013	2962	2912	2937
80	2906	2679	2604	2453	2528
85	2556	2105	1955	1654	1729

**INDOOR CANDELA PLOT**



0.0 ——— 45.0 ——— 90.0 ———

**COEFFICIENTS OF UTILIZATION (%)**

**ZONAL CAVITY METHOD**

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	67	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	44
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	51	43	37	50	43	37	48	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	35	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	27	52	40	32	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: \_\_\_\_\_

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**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	734*	734	734	734	734
2.5	733	733	733	734	734
5.0	730	730	731	731	731
7.5	726	725	726	727	727
10.0	719	719	720	720	721
12.5	711	710	712	712	713
15.0	700	700	702	703	704
17.5	688	688	690	691	692
20.0	674	674	677	678	680
22.5	658	658	662	664	666
25.0	641	641	645	647	650
27.5	621	621	626	630	632
30.0	600	600	606	610	613
32.5	577	577	584	589	592
35.0	553	554	561	566	570
37.5	528	528	536	542	546
40.0	502	502	511	516	520
42.5	475	476	484	489	493
45.0	448	449	457	461	465
47.5	421	422	429	433	437
50.0	393	394	399	403	407
52.5	365	365	370	374	377
55.0	337	337	341	343	347
57.5	309	309	311	313	317
60.0	281	280	282	283	287
62.5	253	252	253	253	257
65.0	226	224	224	224	227
67.5	200	197	197	195	198
70.0	174	171	170	168	171
72.5	149	145	143	141	143
75.0	124	119	117	115	116
77.5	100	95	93	89	91
80.0	77	71	69	65	67
82.5	55	49	46	43	44
85.0	34	28	26	22	23
87.5	15	10	8	7	8
90.0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE