

**LUMINAIRE:** VSY22-40LWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 2' Led with acrylic diffuser  
 Data Scaled from Test# 19.00855  
**BALLAST:** XI020C056V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 2612  
**WATTS:** 19.27  
**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 #23428  
 DATE: 5/14/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 136**

**ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.75**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

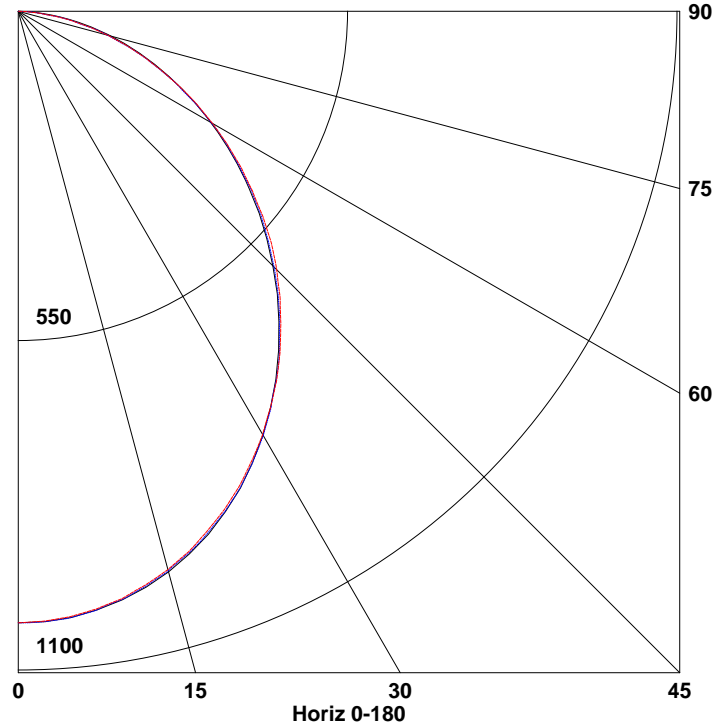
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	772	29.6	29.6
0-40	1242	47.5	47.5
0-60	2110	80.8	80.8
0-90	2612	100.0	100.0
0-180	2612	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3013	3013	3013	3013	3013
30	2784	2780	2787	2777	2780
40	2608	2600	2615	2619	2627
45	2508	2508	2520	2533	2545
50	2410	2410	2428	2437	2447
55	2299	2294	2320	2315	2335
60	2189	2183	2195	2183	2207
65	2074	2074	2067	2053	2074
70	1958	1950	1932	1907	1932
75	1824	1801	1767	1733	1767
80	1665	1597	1563	1495	1546
85	1456	1286	1219	1117	1151

**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	102	100
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84	84
2	99	91	85	79	97	90	83	78	86	81	76	83	78	75	80	76	73	71	71
3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	71	66	62	60	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	1021*	1021	1021	1021	1021
2.5	1020	1019	1020	1019	1019
5.0	1016	1015	1016	1015	1014
7.5	1008	1008	1008	1007	1006
10.0	998	997	997	996	996
12.5	985	983	983	981	981
15.0	969	967	967	965	965
17.5	950	949	948	946	946
20.0	929	926	926	923	923
22.5	904	903	903	900	900
25.0	878	877	877	874	874
27.5	848	847	848	845	845
30.0	817	816	818	815	816
32.5	784	783	785	783	784
35.0	750	749	751	751	752
37.5	714	713	716	716	718
40.0	677	675	679	680	682
42.5	640	639	642	644	647
45.0	601	601	604	607	610
47.5	563	562	566	570	573
50.0	525	525	529	531	533
52.5	486	485	490	490	493
55.0	447	446	451	450	454
57.5	409	409	412	410	414
60.0	371	370	372	370	374
62.5	334	334	334	332	336
65.0	297	297	296	294	297
67.5	261	260	258	256	259
70.0	227	226	224	221	224
72.5	192	191	188	185	189
75.0	160	158	155	152	155
77.5	128	125	123	120	122
80.0	98	94	92	88	91
82.5	69	65	63	60	61
85.0	43	38	36	33	34
87.5	17	14	13	12	13
90.0	1	0	0	0	0

\*MAXIMUM CANDELA VALUE