

**LUMINAIRE:** VSY24-40XWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 4' Led with acrylic diffuser  
 Data Scaled from Test# 19.01002  
**BALLAST:** XI020C056V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 2228  
**WATTS:** 17.70  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.20 90° = 1.20  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 3.92  
 WIDTH: 1.90  
 HEIGHT: 0.00

TEST #23412  
 DATE: 6/13/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 126**

**ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE**  
**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.94**  
**BASED ON 3000 HRS. AND \$.08 PER KWH**

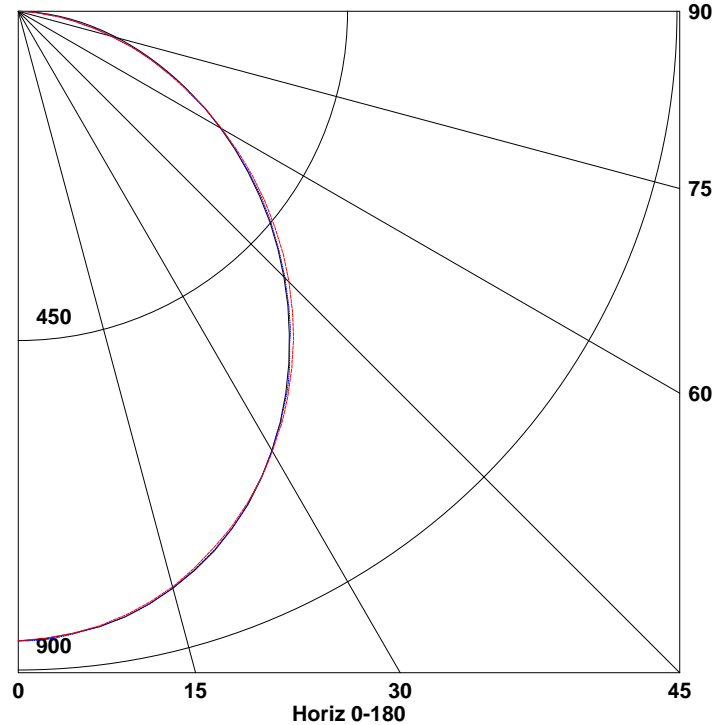
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	653	29.3	29.3
0-40	1052	47.2	47.2
0-60	1795	80.6	80.6
0-90	2228	100.0	100.0
0-180	2228	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	1243	1243	1243	1243	1243
30	1156	1155	1156	1156	1158
40	1087	1085	1090	1094	1104
45	1048	1048	1055	1061	1069
50	1010	1007	1014	1021	1027
55	965	963	973	973	983
60	922	919	922	919	928
65	875	872	869	862	869
70	832	824	816	803	811
75	782	771	748	726	731
80	716	691	657	633	641
85	647	564	514	464	464

**INDOOR CANDELA PLOT**



0.0 ——— 45.0 ——— 90.0 ——— 900 ———

**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	71	66	62	60
R	4	83	71	63	56	81	70	62	56	68	61	55	65	59	54	63	58	54	51
C	5	77	64	55	49	75	63	55	48	61	53	48	59	52	47	57	51	47	45
R	6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	39
	7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37	35
	8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	44	38	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	53	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:** VSY24-40XWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 4' Led with acrylic diffuser  
 Data Scaled from Test# 19.01002

TEST #23412  
 DATE: 6/13/2019

**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	860*	860	860	860	860
2.5	858	859	859	859	857
5.0	853	854	854	854	853
7.5	848	848	848	848	847
10.0	840	840	840	839	838
12.5	829	829	829	828	827
15.0	816	816	816	815	814
17.5	801	801	800	798	798
20.0	784	784	783	782	780
22.5	764	764	764	762	762
25.0	743	742	742	741	741
27.5	719	718	718	718	719
30.0	693	692	693	693	694
32.5	666	665	667	667	669
35.0	637	636	639	639	642
37.5	607	606	609	611	614
40.0	576	575	578	580	585
42.5	545	544	547	550	554
45.0	513	513	516	519	523
47.5	481	480	483	487	491
50.0	449	448	451	454	457
52.5	416	415	419	420	424
55.0	383	382	386	386	390
57.5	351	350	352	352	355
60.0	319	318	319	318	321
62.5	288	287	287	284	288
65.0	256	255	254	252	254
67.5	225	225	223	220	222
70.0	197	195	193	190	192
72.5	168	166	163	159	162
75.0	140	138	134	130	131
77.5	113	109	106	102	103
80.0	86	83	79	76	77
82.5	61	58	55	51	52
85.0	39	34	31	28	28
87.5	18	14	11	11	13
90.0	1	0	1	0	1

\*MAXIMUM CANDELA VALUE