

LUMINAIRE: VSY24-35XWHE-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: 2192
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 #23413

DATE: 6/13/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 124

ANSI/IESNA RP-1-2004 COMPLIANCE: YES-VDT NORMAL USE

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.97

BASED ON 3000 HRS. AND \$.08 PER KWH

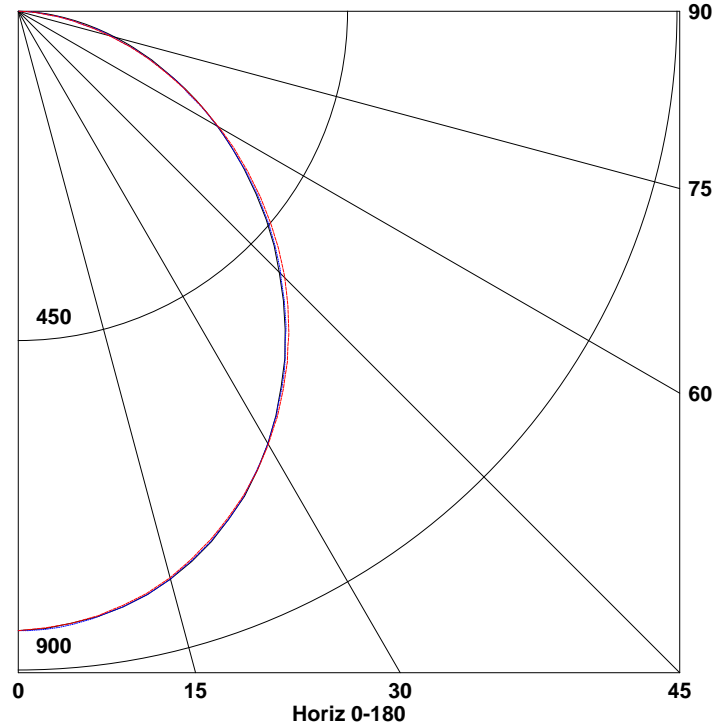
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	642	29.3	29.3
0-40	1035	47.2	47.2
0-60	1766	80.6	80.6
0-90	2192	100.0	100.0
0-180	2192	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	1223	1223	1223	1223	1223
30	1138	1136	1138	1138	1140
40	1070	1068	1073	1077	1085
45	1030	1030	1036	1042	1053
50	994	992	998	1005	1012
55	950	947	955	955	965
60	908	905	908	905	913
65	862	858	855	848	855
70	820	811	803	790	799
75	765	754	737	715	720
80	707	682	649	624	633
85	630	564	514	464	464

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	RW	80%				70%				50%				30%					
		70%	50%	30%	10%	70%	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	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: VSY24-35XWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01002

TEST #23413
 DATE: 6/13/2019

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	846*	846	846	846	846
2.5	844	845	845	845	843
5.0	839	841	841	841	839
7.5	834	834	834	834	833
10.0	826	826	826	825	824
12.5	816	816	816	815	814
15.0	803	803	803	802	801
17.5	788	788	787	785	785
20.0	771	771	770	769	768
22.5	751	751	751	749	749
25.0	731	730	730	729	729
27.5	707	706	706	706	707
30.0	682	681	682	682	683
32.5	655	654	656	656	658
35.0	626	625	628	628	631
37.5	598	597	599	601	604
40.0	567	566	569	571	575
42.5	536	535	538	541	545
45.0	504	504	507	510	515
47.5	474	473	476	479	483
50.0	442	441	444	447	450
52.5	409	408	412	413	417
55.0	377	376	379	379	383
57.5	345	344	346	346	350
60.0	314	313	314	313	316
62.5	283	282	282	280	283
65.0	252	251	250	248	250
67.5	221	221	219	216	218
70.0	194	192	190	187	189
72.5	165	163	160	157	159
75.0	137	135	132	128	129
77.5	111	108	105	100	101
80.0	85	82	78	75	76
82.5	60	57	54	50	51
85.0	38	34	31	28	28
87.5	17	13	11	11	12
90.0	1	0	1	0	1

*MAXIMUM CANDELA VALUE