

**LUMINAIRE:** VSY22-35VWHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 2' Led with acrylic diffuser  
 Data Scaled from Test# 19.01083  
**BALLAST:** OTi 20  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 1425  
**WATTS:** 11.21  
**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 #23416  
 DATE: 6/11/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**  
**TOTAL LUMENS PER WATT = 127**

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

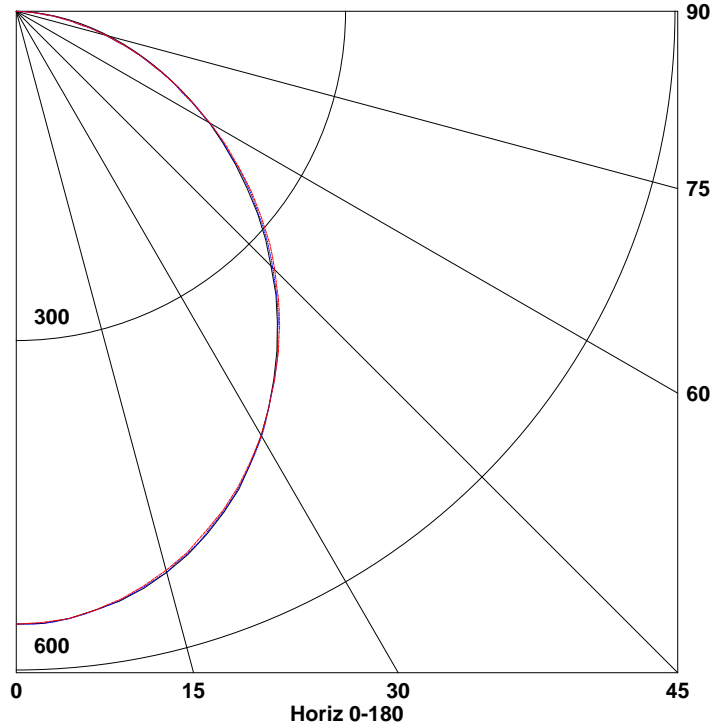
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	422	29.6	29.6
0-40	678	47.6	47.6
0-60	1152	80.8	80.8
0-90	1425	100.0	100.0
0-180	1425	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	1646	1646	1646	1646	1646
30	1520	1516	1523	1516	1520
40	1425	1421	1429	1429	1437
45	1369	1369	1377	1381	1390
50	1317	1313	1322	1327	1336
55	1255	1255	1265	1260	1271
60	1198	1192	1198	1192	1204
65	1131	1131	1124	1117	1131
70	1070	1061	1052	1035	1052
75	992	980	958	935	958
80	901	867	850	816	833
85	813	711	643	576	609

**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%			
R	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
C	1	109	104	100	97	106	102	98	95	98	95	92	94	92	89	90	88	87	84
R	2	99	91	85	79	97	90	83	78	86	81	76	83	78	75	80	76	73	71
C	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	55	63	58	54	52
C	5	77	64	55	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
R	6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	41	39
C	7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
R	8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
C	9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28
R	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	558*	558	558	558	558
2.5	558	557	558	557	557
5.0	555	555	555	555	555
7.5	550	550	550	550	550
10.0	545	544	545	544	544
12.5	538	537	537	536	536
15.0	529	529	529	527	527
17.5	519	518	518	517	517
20.0	507	506	506	504	504
22.5	494	493	493	491	492
25.0	480	479	479	477	478
27.5	463	462	463	461	462
30.0	446	445	447	445	446
32.5	428	427	428	427	428
35.0	409	408	410	409	410
37.5	390	388	391	391	392
40.0	370	369	371	371	373
42.5	350	349	351	352	353
45.0	328	328	330	331	333
47.5	308	306	310	311	313
50.0	287	286	288	289	291
52.5	265	264	268	268	270
55.0	244	244	246	245	247
57.5	223	222	224	223	226
60.0	203	202	203	202	204
62.5	182	181	181	180	182
65.0	162	162	161	160	162
67.5	142	141	141	139	141
70.0	124	123	122	120	122
72.5	106	105	103	100	103
75.0	87	86	84	82	84
77.5	70	68	67	65	67
80.0	53	51	50	48	49
82.5	38	35	34	32	34
85.0	24	21	19	17	18
87.5	9	7	7	6	7
90.0	0	0	0	0	0

\*MAXIMUM CANDELA VALUE