

LUMINAIRE: VSY12-35VWHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.01000
BALLAST: OTI20/120-277/700 DIM-1 L
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 1443
WATTS: 11.18
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.24
LUMINOUS OPENING IN FEET
 LENGTH: 1.91
 WIDTH: 0.87
 HEIGHT: 0.00

TEST #23414

DATE: 6/10/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 129

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

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.83

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

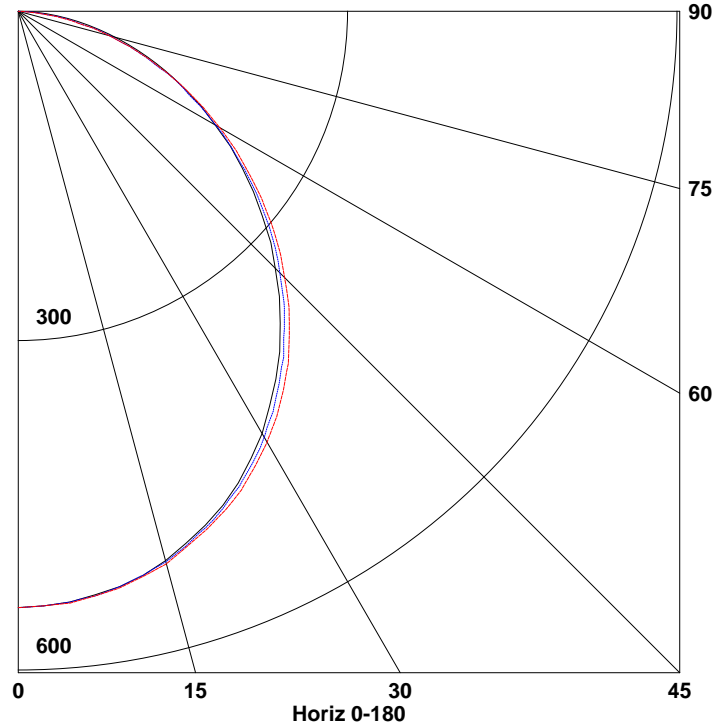
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	417	28.9	28.9
0-40	676	46.9	46.9
0-60	1162	80.5	80.5
0-90	1443	100.0	100.0
0-180	1443	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3517	3517	3517	3517	3517
30	3321	3321	3351	3373	3388
40	3137	3137	3188	3222	3247
45	3032	3041	3087	3115	3142
50	2922	2933	2973	3003	3033
55	2812	2812	2846	2857	2891
60	2682	2682	2695	2708	2747
65	2560	2544	2544	2529	2575
70	2443	2386	2367	2349	2386
75	2278	2202	2177	2127	2152
80	2126	1977	1903	1791	1828
85	1932	1561	1412	1189	1189

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	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
R	2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	80	76	73	71
C	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
C	7	66	52	44	38	64	51	43	37	50	43	37	48	42	37	47	41	37	35
R	8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	31
C	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30	28
R	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	543*	543	543	543	543
2.5	542	542	542	542	542
5.0	540	540	540	540	541
7.5	536	536	537	537	537
10.0	532	532	532	533	533
12.5	526	525	526	527	527
15.0	518	518	519	520	521
17.5	508	508	510	511	511
20.0	498	498	500	501	502
22.5	487	487	489	491	492
25.0	474	474	477	479	481
27.5	459	459	463	465	467
30.0	444	444	448	451	453
32.5	426	426	432	436	438
35.0	409	409	414	418	421
37.5	391	391	397	401	404
40.0	371	371	377	381	384
42.5	352	352	358	362	365
45.0	331	332	337	340	343
47.5	312	312	317	320	323
50.0	290	291	295	298	301
52.5	270	270	274	276	279
55.0	249	249	252	253	256
57.5	229	228	230	232	235
60.0	207	207	208	209	212
62.5	188	187	187	187	190
65.0	167	166	166	165	168
67.5	148	146	146	145	147
70.0	129	126	125	124	126
72.5	110	107	106	105	106
75.0	91	88	87	85	86
77.5	74	70	69	66	68
80.0	57	53	51	48	49
82.5	41	36	34	32	33
85.0	26	21	19	16	16
87.5	11	7	6	5	5
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE