

LUMINAIRE: VSY12-40VWHE-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: 1466
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 #23415

DATE: 6/10/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 131

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

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.80

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

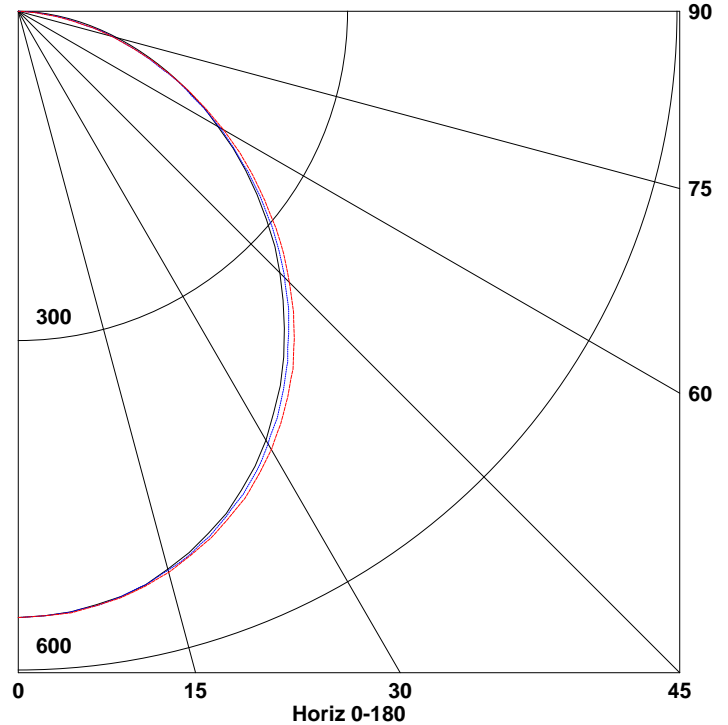
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	424	28.9	28.9
0-40	688	46.9	46.9
0-60	1181	80.5	80.5
0-90	1466	100.0	100.0
0-180	1466	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3576	3576	3576	3576	3576
30	3373	3373	3403	3426	3448
40	3188	3188	3239	3281	3306
45	3087	3096	3142	3170	3197
50	2973	2983	3023	3053	3084
55	2857	2857	2891	2902	2948
60	2721	2721	2747	2759	2798
65	2606	2590	2590	2575	2621
70	2481	2424	2405	2386	2424
75	2328	2253	2227	2152	2202
80	2164	2014	1940	1828	1865
85	1932	1561	1487	1264	1264

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 600

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	70	66	62	60
R	4	83	71	63	56	81	70	62	56	68	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
	7	66	52	44	38	64	51	43	37	50	43	37	49	42	37	47	41	37	35
	8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	31
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30	28
	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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 DATE: 6/10/2019

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	552*	552	552	552	552
2.5	551	551	551	551	551
5.0	549	549	549	549	550
7.5	545	545	546	546	546
10.0	541	541	541	542	542
12.5	535	534	535	536	536
15.0	526	526	527	528	529
17.5	517	517	519	520	520
20.0	506	506	509	510	511
22.5	495	495	497	499	500
25.0	481	481	485	487	489
27.5	467	467	471	473	475
30.0	451	451	455	458	461
32.5	433	433	439	443	445
35.0	416	416	421	425	428
37.5	397	397	403	407	411
40.0	377	377	383	388	391
42.5	357	357	364	368	371
45.0	337	338	343	346	349
47.5	317	317	322	325	328
50.0	295	296	300	303	306
52.5	274	274	278	280	283
55.0	253	253	256	257	261
57.5	232	231	233	235	239
60.0	210	210	212	213	216
62.5	191	190	190	190	193
65.0	170	169	169	168	171
67.5	150	148	148	147	149
70.0	131	128	127	126	128
72.5	111	108	107	106	107
75.0	93	90	89	86	88
77.5	75	71	70	67	69
80.0	58	54	52	49	50
82.5	42	36	34	32	33
85.0	26	21	20	17	17
87.5	11	7	6	5	5
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE