

LUMINAIRE: VSY22-40VWHE-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: 1449
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 #23417
 DATE: 6/11/2019

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 = \$1.82
BASED ON 3000 HRS. AND \$.08 PER KWH

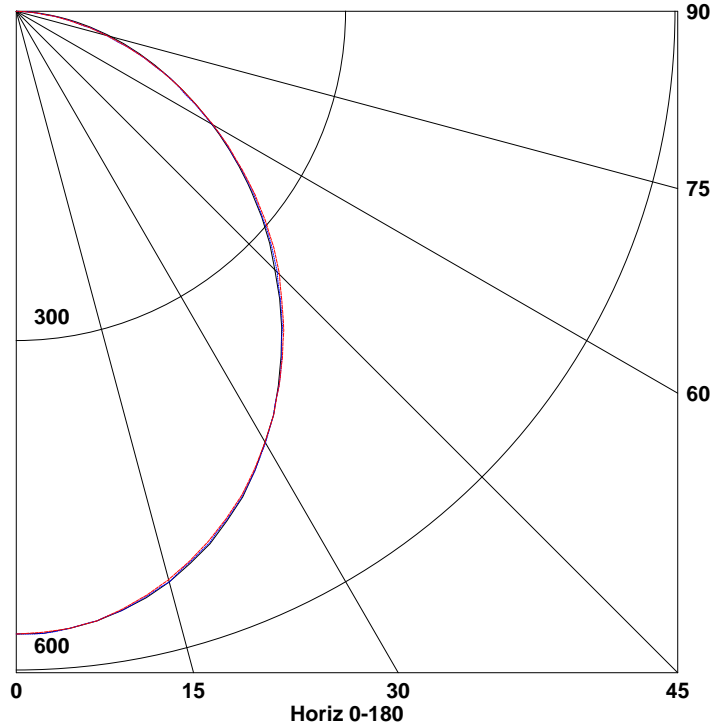
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	429	29.6	29.6
0-40	689	47.6	47.6
0-60	1171	80.8	80.8
0-90	1449	100.0	100.0
0-180	1449	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	1673	1673	1673	1673	1673
30	1543	1540	1547	1540	1543
40	1448	1444	1452	1452	1460
45	1390	1390	1402	1406	1415
50	1340	1336	1345	1350	1359
55	1276	1276	1286	1281	1291
60	1216	1210	1216	1210	1222
65	1152	1152	1145	1138	1152
70	1087	1078	1070	1052	1070
75	1015	1003	969	946	969
80	918	884	867	833	850
85	813	711	677	609	643

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

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	97	106	102	98	95	98	95	92	94	92	89	90	88	87	84
	2	99	91	85	79	97	90	83	78	86	81	76	83	78	75	80	76	73	71
	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
	7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
	8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
	9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28
	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	567*	567	567	567	567
2.5	567	566	567	566	566
5.0	564	564	564	564	564
7.5	560	560	560	560	560
10.0	554	553	554	553	553
12.5	547	546	546	545	545
15.0	538	538	538	536	536
17.5	527	526	526	525	525
20.0	516	515	515	513	513
22.5	502	501	501	499	500
25.0	488	487	487	485	486
27.5	471	470	471	469	470
30.0	453	452	454	452	453
32.5	436	435	436	435	436
35.0	416	415	417	416	417
37.5	396	395	397	397	398
40.0	376	375	377	377	379
42.5	355	354	356	357	358
45.0	333	333	336	337	339
47.5	313	312	315	316	318
50.0	292	291	293	294	296
52.5	270	269	272	272	274
55.0	248	248	250	249	251
57.5	227	226	228	227	229
60.0	206	205	206	205	207
62.5	185	184	184	183	185
65.0	165	165	164	163	165
67.5	145	144	144	142	144
70.0	126	125	124	122	124
72.5	107	106	104	102	104
75.0	89	88	85	83	85
77.5	71	69	68	66	68
80.0	54	52	51	49	50
82.5	39	35	34	32	34
85.0	24	21	20	18	19
87.5	9	7	7	6	7
90.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE