

LUMINAIRE: VSY22-35HLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00854
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3755
WATTS: 26.02
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 #23442
 DATE: 5/15/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 144

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.67
BASED ON 3000 HRS. AND \$.08 PER KWH

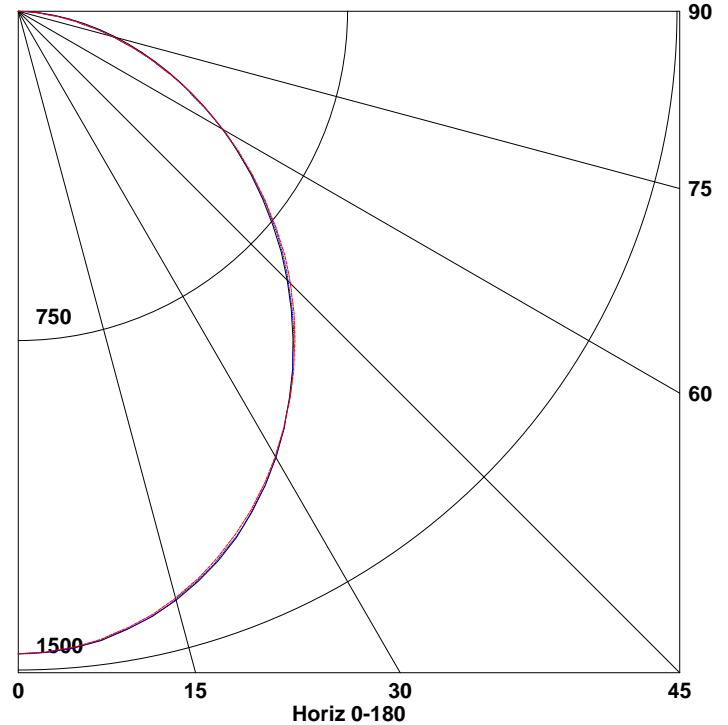
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1107	29.5	29.5
0-40	1781	47.4	47.4
0-60	3031	80.7	80.7
0-90	3755	100.0	100.0
0-180	3755	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	4317	4317	4317	4317	4317
30	3996	3990	3996	3986	3986
40	3748	3740	3759	3763	3775
45	3614	3605	3626	3639	3655
50	3470	3466	3493	3502	3516
55	3323	3318	3344	3328	3354
60	3163	3157	3169	3145	3175
65	3002	2995	2981	2946	2988
70	2830	2821	2778	2743	2778
75	2633	2588	2542	2485	2531
80	2413	2311	2243	2175	2226
85	2099	1862	1760	1591	1625

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	91	89	90	88	86	84
	2	99	91	85	79	97	89	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	54	63	58	54	52
C	5	77	64	55	49	75	63	55	48	61	54	48	59	52	47	57	51	47	45
R	6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
	7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37	35
	8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
	9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	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	1463*	1463	1463	1463	1463
2.5	1461	1461	1461	1461	1460
5.0	1455	1455	1455	1454	1453
7.5	1445	1444	1444	1442	1442
10.0	1429	1428	1428	1426	1426
12.5	1411	1410	1410	1407	1407
15.0	1388	1386	1386	1383	1383
17.5	1361	1359	1359	1356	1356
20.0	1331	1329	1328	1324	1324
22.5	1297	1295	1295	1291	1290
25.0	1258	1257	1257	1253	1253
27.5	1217	1215	1217	1212	1213
30.0	1173	1171	1173	1170	1170
32.5	1126	1124	1127	1125	1125
35.0	1076	1074	1078	1076	1078
37.5	1026	1023	1027	1027	1030
40.0	973	971	976	977	980
42.5	920	918	923	925	929
45.0	866	864	869	872	876
47.5	812	810	816	818	823
50.0	756	755	761	763	766
52.5	701	700	706	705	709
55.0	646	645	650	647	652
57.5	591	590	594	589	595
60.0	536	535	537	533	538
62.5	483	482	481	477	482
65.0	430	429	427	422	428
67.5	377	376	374	369	374
70.0	328	327	322	318	322
72.5	279	277	271	267	271
75.0	231	227	223	218	222
77.5	186	181	177	172	175
80.0	142	136	132	128	131
82.5	100	93	90	86	87
85.0	62	55	52	47	48
87.5	26	21	18	17	18
90.0	1	0	0	0	0

*MAXIMUM CANDELA VALUE