

LUMINAIRE: VSY22-35MLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 2' Led with acrylic diffuser
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3276
WATTS: 24.48
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 #19.00852
 DATE: 5/13/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 134

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.76
BASED ON 3000 HRS. AND \$.08 PER KWH

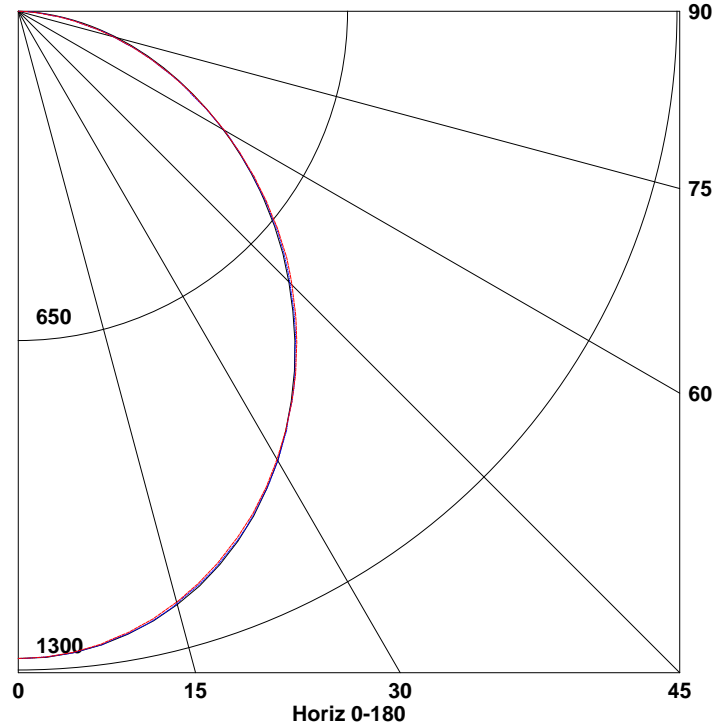
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	966	29.5	29.5
0-40	1554	47.5	47.5
0-60	2645	80.7	80.7
0-90	3276	100.0	100.0
0-180	3276	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3768	3768	3768	3768	3768
30	3489	3482	3489	3479	3479
40	3270	3266	3278	3285	3293
45	3150	3146	3163	3175	3188
50	3030	3025	3048	3053	3066
55	2896	2891	2912	2901	2922
60	2756	2756	2762	2738	2768
65	2611	2611	2590	2569	2597
70	2467	2459	2424	2390	2424
75	2291	2257	2223	2166	2212
80	2107	2005	1954	1886	1937
85	1828	1625	1523	1388	1422

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

COEFFICIENTS OF UTILIZATION (%)

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

ZONAL CAVITY METHOD

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%						
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	100
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84	84
2	99	91	85	79	97	89	83	78	86	81	76	83	78	75	80	76	73	71	71
3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	71	66	62	60	60
R	4	83	72	63	81	70	62	56	68	61	55	65	59	54	63	58	54	52	52
C	5	77	64	55	75	63	55	48	61	54	48	59	52	47	57	51	47	45	45
R	6	71	58	49	69	57	49	43	55	48	42	53	47	42	52	46	41	39	39
	7	66	53	44	64	52	44	38	50	43	37	49	42	37	47	41	37	35	35
	8	61	48	40	60	47	39	34	46	39	34	45	38	33	44	38	33	31	31
	9	57	44	36	56	44	36	30	42	35	30	41	35	30	40	34	30	28	28
	10	54	41	33	53	40	33	28	39	32	28	38	32	27	38	32	27	26	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	1277*	1277	1277	1277	1277
2.5	1276	1275	1275	1275	1275
5.0	1270	1270	1270	1269	1269
7.5	1261	1260	1261	1259	1259
10.0	1248	1247	1247	1246	1245
12.5	1232	1230	1231	1228	1228
15.0	1212	1210	1210	1207	1207
17.5	1189	1187	1186	1183	1183
20.0	1162	1160	1159	1156	1156
22.5	1132	1130	1130	1127	1126
25.0	1099	1097	1097	1093	1094
27.5	1062	1061	1062	1058	1059
30.0	1024	1022	1024	1021	1021
32.5	982	981	984	981	982
35.0	939	938	941	940	941
37.5	895	893	897	897	899
40.0	849	848	851	853	855
42.5	802	801	805	807	810
45.0	755	754	758	761	764
47.5	708	707	712	714	718
50.0	660	659	664	665	668
52.5	611	611	615	615	618
55.0	563	562	566	564	568
57.5	515	514	517	514	518
60.0	467	467	468	464	469
62.5	420	420	419	416	420
65.0	374	374	371	368	372
67.5	329	329	325	321	326
70.0	286	285	281	277	281
72.5	243	241	237	233	237
75.0	201	198	195	190	194
77.5	162	158	154	150	153
80.0	124	118	115	111	114
82.5	87	82	79	74	77
85.0	54	48	45	41	42
87.5	22	18	16	14	16
90.0	1	0	0	0	0

*MAXIMUM CANDELA VALUE