

LUMINAIRE: VSY22-40MLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00852
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3331
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 #23434

DATE: 5/13/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 136

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.73

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

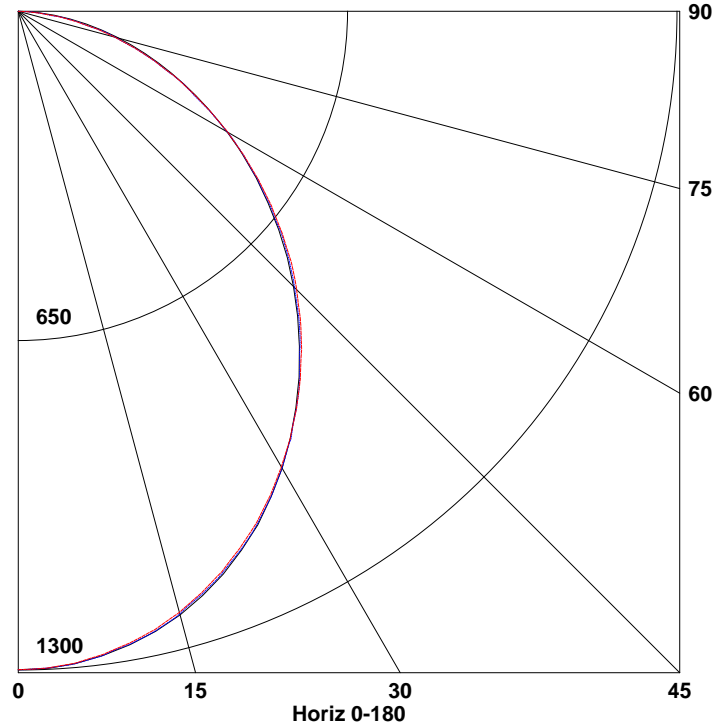
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	983	29.5	29.5
0-40	1581	47.5	47.5
0-60	2690	80.8	80.8
0-90	3331	100.0	100.0
0-180	3331	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3833	3833	3833	3833	3833
30	3547	3540	3547	3536	3536
40	3324	3320	3332	3343	3351
45	3205	3200	3217	3230	3242
50	3080	3075	3098	3103	3117
55	2948	2942	2963	2953	2973
60	2803	2803	2809	2785	2815
65	2653	2653	2632	2611	2639
70	2510	2502	2467	2433	2467
75	2326	2291	2257	2200	2246
80	2141	2039	1988	1920	1971
85	1862	1659	1557	1422	1456

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	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	52
C	5	77	64	55	49	75	63	55	48	61	54	48	59	52	47	57	51	45
R	6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	39
	7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	35
	8	61	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	31
	9	57	44	36	31	56	44	36	30	42	35	30	41	35	30	40	34	28
	10	54	41	33	28	53	40	33	28	39	32	28	38	32	27	38	32	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	1299*	1299	1299	1299	1299
2.5	1298	1297	1297	1297	1297
5.0	1292	1292	1292	1291	1291
7.5	1282	1281	1282	1280	1280
10.0	1269	1268	1268	1267	1266
12.5	1253	1251	1252	1249	1249
15.0	1233	1231	1231	1228	1228
17.5	1209	1207	1206	1203	1203
20.0	1182	1180	1179	1176	1176
22.5	1151	1149	1149	1146	1145
25.0	1118	1116	1116	1112	1113
27.5	1080	1079	1080	1076	1077
30.0	1041	1039	1041	1038	1038
32.5	999	998	1001	998	999
35.0	955	954	957	956	957
37.5	910	908	912	912	914
40.0	863	862	865	868	870
42.5	816	815	819	821	824
45.0	768	767	771	774	777
47.5	720	719	724	726	730
50.0	671	670	675	676	679
52.5	621	621	625	625	629
55.0	573	572	576	574	578
57.5	524	523	526	523	527
60.0	475	475	476	472	477
62.5	427	427	426	423	427
65.0	380	380	377	374	378
67.5	335	335	331	326	332
70.0	291	290	286	282	286
72.5	247	245	241	237	241
75.0	204	201	198	193	197
77.5	165	161	157	153	156
80.0	126	120	117	113	116
82.5	88	83	80	75	78
85.0	55	49	46	42	43
87.5	22	18	16	14	16
90.0	1	0	0	0	0

*MAXIMUM CANDELA VALUE