

LUMINAIRE: VSY12-40MLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 2' Led with acrylic diffuser
 Data Scaled from Test# 19.00994
BALLAST: XI040C110V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 3344
WATTS: 24.43
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.22 90° = 1.24
LUMINOUS OPENING IN FEET
 LENGTH: 1.91
 WIDTH: 0.87
 HEIGHT: 0.00

TEST #23431
 DATE: 6/4/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 137

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

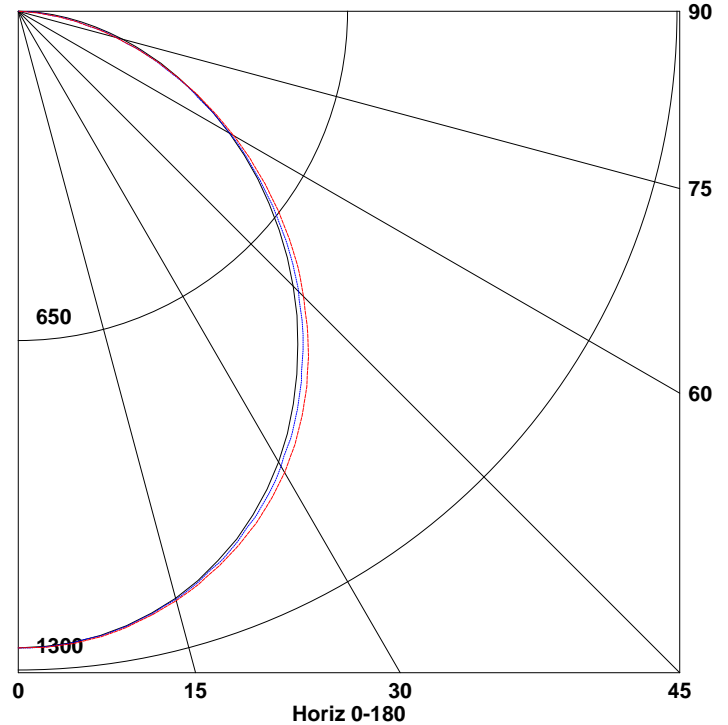
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	966	28.9	28.9
0-40	1566	46.8	46.8
0-60	2691	80.5	80.5
0-90	3344	100.0	100.0
0-180	3344	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	8136	8136	8136	8136	8136
30	7682	7682	7757	7809	7861
40	7255	7272	7391	7475	7534
45	7026	7045	7164	7237	7292
50	6772	6792	6883	6974	7034
55	6516	6528	6584	6641	6720
60	6232	6232	6244	6283	6361
65	5932	5901	5886	5886	5978
70	5663	5549	5511	5455	5549
75	5331	5131	5031	4931	4981
80	4924	4588	4402	4215	4290
85	4385	3642	3345	2824	2899

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ——— 130.0 ———

COEFFICIENTS OF UTILIZATION (%)

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

ZONAL CAVITY METHOD

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%				10%		0%
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	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	79	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	67	60	55	65	59	63	58	53	51	
C	5	77	64	55	48	74	63	54	48	61	53	48	59	52	57	51	47	44	
R	6	71	58	49	42	69	57	48	42	55	47	42	53	46	51	46	41	39	
	7	66	52	44	37	64	51	43	37	50	42	37	48	42	47	41	37	35	
	8	61	48	39	33	60	47	39	33	46	38	33	44	38	43	37	33	31	
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	40	34	30	28	
	10	54	41	33	27	52	40	32	27	39	32	27	38	32	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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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1256*	1256	1256	1256	1256
2.5	1254	1254	1255	1256	1256
5.0	1250	1249	1250	1251	1252
7.5	1242	1242	1243	1244	1245
10.0	1231	1231	1232	1233	1234
12.5	1216	1216	1218	1219	1220
15.0	1199	1199	1201	1203	1204
17.5	1178	1178	1181	1183	1185
20.0	1153	1153	1158	1161	1163
22.5	1127	1127	1132	1137	1139
25.0	1096	1097	1103	1109	1113
27.5	1063	1064	1072	1078	1083
30.0	1027	1027	1037	1044	1051
32.5	988	989	1000	1009	1015
35.0	946	948	960	970	976
37.5	903	905	918	929	935
40.0	858	860	874	884	891
42.5	814	816	829	838	844
45.0	767	769	782	790	796
47.5	720	722	734	742	749
50.0	672	674	683	692	698
52.5	624	626	634	641	647
55.0	577	578	583	588	595
57.5	529	529	533	537	543
60.0	481	481	482	485	491
62.5	434	433	433	434	440
65.0	387	385	384	384	390
67.5	342	339	337	336	340
70.0	299	293	291	288	293
72.5	255	248	245	242	245
75.0	213	205	201	197	199
77.5	172	164	159	154	157
80.0	132	123	118	113	115
82.5	95	85	79	74	75
85.0	59	49	45	38	39
87.5	25	17	14	12	13
90.0	1	0	0	0	1

*MAXIMUM CANDELA VALUE