

LUMINAIRE: VSY22-30MLHE-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: 3197
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 #23436

DATE: 5/13/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 131

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.80

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

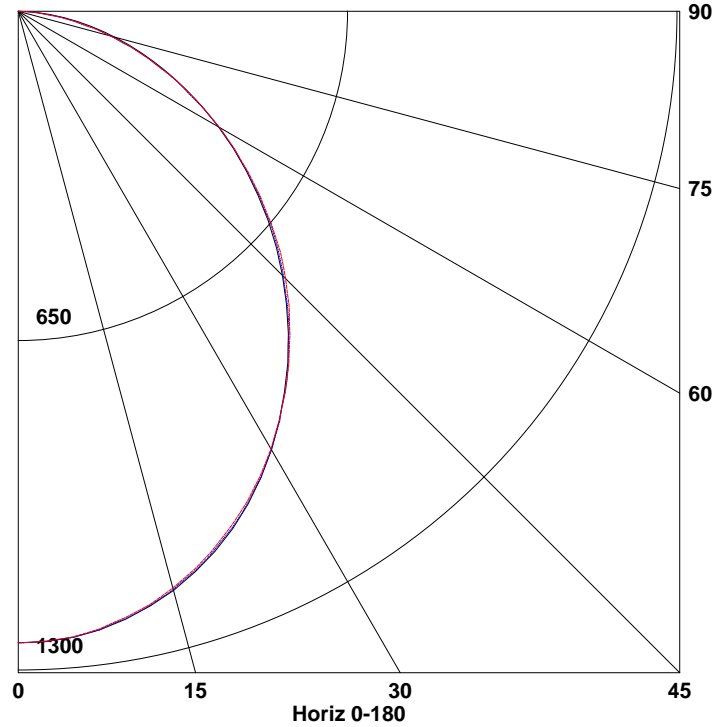
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	943	29.5	29.5
0-40	1517	47.5	47.5
0-60	2582	80.8	80.8
0-90	3197	100.0	100.0
0-180	3197	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3676	3676	3676	3676	3676
30	3404	3397	3404	3397	3397
40	3193	3189	3201	3208	3212
45	3075	3071	3088	3100	3113
50	2956	2952	2974	2979	2993
55	2824	2824	2840	2829	2850
60	2691	2691	2697	2673	2703
65	2548	2548	2527	2506	2534
70	2407	2398	2364	2329	2364
75	2234	2200	2166	2109	2155
80	2056	1954	1903	1835	1886
85	1794	1591	1490	1354	1388

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	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	1246*	1246	1246	1246	1246
2.5	1245	1244	1244	1244	1244
5.0	1240	1240	1240	1239	1239
7.5	1231	1230	1231	1229	1229
10.0	1218	1217	1217	1216	1215
12.5	1202	1200	1201	1199	1199
15.0	1183	1181	1181	1178	1178
17.5	1160	1159	1158	1155	1155
20.0	1134	1132	1131	1128	1128
22.5	1105	1103	1103	1100	1099
25.0	1073	1071	1071	1067	1068
27.5	1037	1036	1037	1033	1034
30.0	999	997	999	997	997
32.5	958	957	960	957	958
35.0	916	915	918	917	918
37.5	874	872	875	875	877
40.0	829	828	831	833	834
42.5	783	782	786	788	791
45.0	737	736	740	743	746
47.5	691	690	695	697	701
50.0	644	643	648	649	652
52.5	596	596	600	600	603
55.0	549	549	552	550	554
57.5	503	502	505	502	506
60.0	456	456	457	453	458
62.5	410	410	409	406	410
65.0	365	365	362	359	363
67.5	321	321	317	313	318
70.0	279	278	274	270	274
72.5	237	235	231	227	231
75.0	196	193	190	185	189
77.5	158	154	150	146	149
80.0	121	115	112	108	111
82.5	85	80	77	72	75
85.0	53	47	44	40	41
87.5	21	18	16	14	16
90.0	1	0	0	0	0

*MAXIMUM CANDELA VALUE