

**LUMINAIRE:** VSY12-30MLHE-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:** 3209  
**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 #23430

DATE: 6/4/2019

**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 = \$1.79**

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

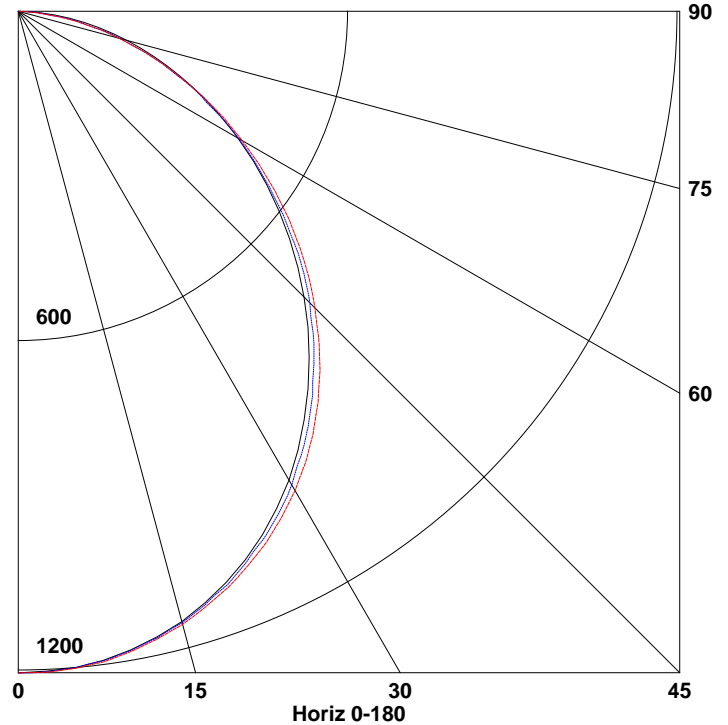
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	927	28.9	28.9
0-40	1503	46.9	46.9
0-60	2583	80.5	80.5
0-90	3209	100.0	100.0
0-180	3209	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	7806	7806	7806	7806	7806
30	7375	7375	7450	7495	7540
40	6968	6985	7086	7171	7230
45	6742	6761	6880	6944	6999
50	6500	6520	6611	6691	6752
55	6245	6257	6313	6370	6449
60	5985	5985	5998	6037	6102
65	5702	5671	5656	5656	5732
70	5436	5322	5284	5227	5322
75	5106	4931	4830	4730	4780
80	4738	4402	4215	4029	4103
85	4237	3493	3196	2676	2750

**INDOOR CANDELA PLOT**



0.0 ——— 45.0 ——— 90.0 ——— 1200

**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	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	54	63	58	53	51
C	5	77	64	55	48	74	63	54	48	61	53	48	59	52	47	57	51	47	44
R	6	71	58	49	42	69	57	48	42	55	47	42	53	46	41	52	46	41	39
	7	66	52	44	37	64	51	43	37	50	42	37	48	42	37	47	41	37	35
	8	61	48	39	33	60	47	39	33	46	38	33	44	38	33	43	37	33	31
	9	57	44	36	30	56	43	35	30	42	35	30	41	35	30	40	34	30	28
	10	54	41	33	27	52	40	32	27	39	32	27	38	32	27	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	1205*	1205	1205	1205	1205
2.5	1203	1203	1204	1205	1205
5.0	1200	1199	1200	1200	1201
7.5	1192	1192	1193	1194	1195
10.0	1181	1181	1182	1183	1184
12.5	1167	1167	1169	1170	1171
15.0	1151	1151	1153	1155	1156
17.5	1130	1130	1133	1135	1137
20.0	1107	1107	1112	1115	1117
22.5	1081	1081	1086	1091	1093
25.0	1052	1053	1059	1064	1068
27.5	1020	1021	1029	1035	1039
30.0	986	986	996	1002	1008
32.5	948	949	959	968	974
35.0	908	910	921	931	937
37.5	867	869	881	891	897
40.0	824	826	838	848	855
42.5	781	783	795	804	810
45.0	736	738	751	758	764
47.5	691	693	705	712	718
50.0	645	647	656	664	670
52.5	599	601	608	615	621
55.0	553	554	559	564	571
57.5	508	508	511	515	521
60.0	462	462	463	466	471
62.5	417	416	416	417	423
65.0	372	370	369	369	374
67.5	328	325	323	322	326
70.0	287	281	279	276	281
72.5	245	238	235	232	235
75.0	204	197	193	189	191
77.5	165	157	152	147	150
80.0	127	118	113	108	110
82.5	91	82	76	71	72
85.0	57	47	43	36	37
87.5	24	17	14	12	13
90.0	1	0	0	0	1

\*MAXIMUM CANDELA VALUE