

**LUMINAIRE:** VSY24-30HLHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 4' Led with acrylic diffuser  
 Data Scaled from Test# 19.01004  
**BALLAST:** XI050C140V054BST1  
**BALLAST FACTOR:** 1.00  
**LAMP:** Led  
**FIXTURE LUMENS:** 5513  
**WATTS:** 38.49  
**MOUNTING:** Recessed  
**SHIELDING ANGLE:** 0° = 90 90° = 90  
**SPACING CRITERION:** 0° = 1.20 90° = 1.21  
**LUMINOUS OPENING IN FEET**  
 LENGTH: 3.92  
 WIDTH: 1.90  
 HEIGHT: 0.00

TEST #23396

DATE: 6/12/2019

**TOTAL LUMINAIRE EFFICIENCY = 100.0**

**TOTAL LUMENS PER WATT = 143**

**ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT**

**COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.66**

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

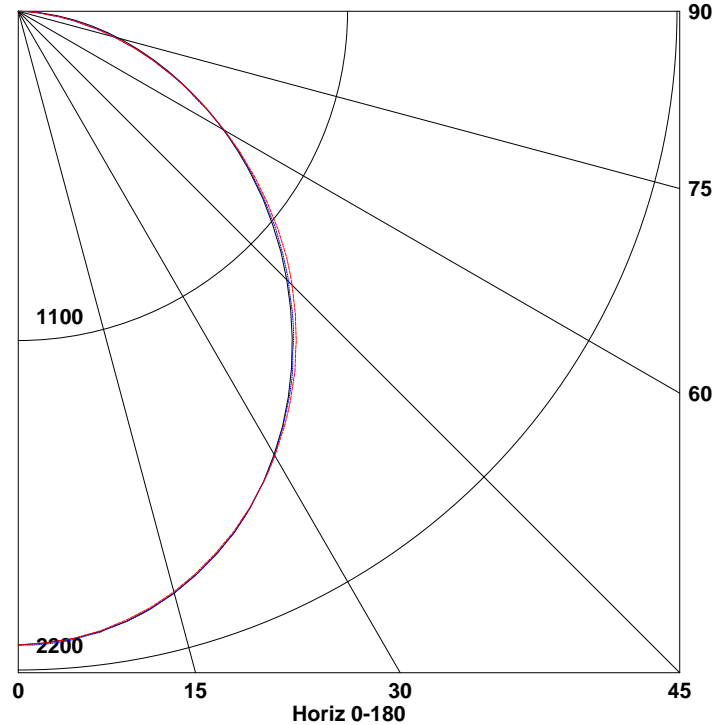
**ZONAL LUMENS**

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1610	29.2	29.2
0-40	2596	47.1	47.1
0-60	4435	80.5	80.5
0-90	5513	100.0	100.0
0-180	5513	100.0	100.0

**AVERAGE LUMINANCE**

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3058	3058	3058	3058	3058
30	2852	2850	2857	2855	2860
40	2685	2681	2698	2711	2724
45	2592	2587	2608	2624	2643
50	2493	2491	2516	2529	2545
55	2391	2389	2409	2409	2429
60	2283	2278	2289	2283	2298
65	2168	2165	2158	2148	2161
70	2062	2049	2024	1994	2016
75	1938	1904	1865	1820	1843
80	1798	1723	1665	1590	1606
85	1609	1426	1327	1177	1211

**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	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	80	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	81	70	62	56	68	61	55	65	59	54	63	58	53	51
C	5	77	64	55	49	75	63	54	48	61	53	48	59	52	47	57	51	47
R	6	71	58	49	42	69	57	48	42	55	47	42	53	47	42	52	46	41
	7	66	52	44	38	64	52	43	37	50	43	37	49	42	37	47	41	37
	8	61	48	39	34	60	47	39	34	46	39	33	45	38	33	43	37	33
	9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30
	10	54	41	33	28	52	40	33	28	39	32	27	38	32	27	37	31	27

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: \_\_\_\_\_

**LUMINAIRE:** VSY24-30HLHE-EDU  
 Versify™ Architectural Edge Lit, Recessed Architectural  
 2' x 4' Led with acrylic diffuser  
 Data Scaled from Test# 19.01004

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 DATE: 6/12/2019

**CANDELA VALUES**

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	2116*	2116	2116	2116	2116
2.5	2111	2114	2115	2114	2111
5.0	2103	2105	2106	2104	2102
7.5	2089	2091	2092	2090	2087
10.0	2069	2070	2070	2068	2065
12.5	2043	2043	2044	2041	2039
15.0	2011	2011	2012	2008	2007
17.5	1973	1973	1973	1970	1969
20.0	1930	1931	1931	1927	1926
22.5	1884	1883	1884	1880	1880
25.0	1830	1829	1831	1828	1829
27.5	1772	1770	1773	1771	1773
30.0	1709	1708	1712	1711	1714
32.5	1643	1641	1646	1647	1651
35.0	1572	1570	1577	1580	1585
37.5	1499	1497	1505	1510	1517
40.0	1423	1421	1430	1437	1444
42.5	1346	1344	1354	1362	1370
45.0	1268	1266	1276	1284	1293
47.5	1190	1188	1198	1206	1215
50.0	1109	1108	1119	1125	1132
52.5	1030	1028	1037	1041	1048
55.0	949	948	956	956	964
57.5	869	868	875	873	879
60.0	790	788	792	790	795
62.5	712	711	711	708	713
65.0	634	633	631	628	632
67.5	559	558	553	548	553
70.0	488	485	479	472	477
72.5	417	413	405	398	402
75.0	347	341	334	326	330
77.5	280	272	265	257	261
80.0	216	207	200	191	193
82.5	154	144	138	129	131
85.0	97	86	80	71	73
87.5	43	33	29	28	30
90.0	2	1	1	1	1

\*MAXIMUM CANDELA VALUE