

LUMINAIRE: VSY24-35VLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 2' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01005
BALLAST: XI050C140V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 7185
WATTS: 48.78
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 #23403

DATE: 6/13/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 147

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.63

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

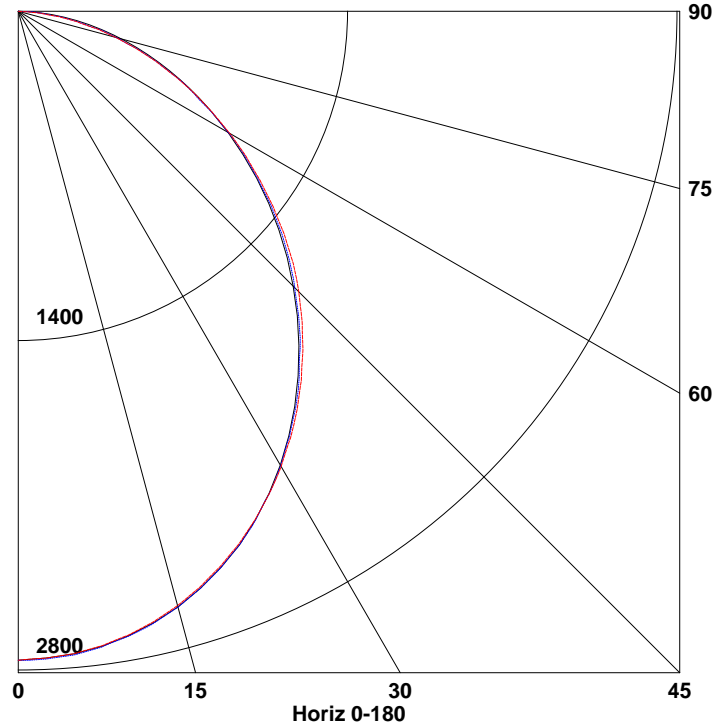
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	2098	29.2	29.2
0-40	3383	47.1	47.1
0-60	5780	80.4	80.4
0-90	7185	100.0	100.0
0-180	7185	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	3986	3986	3986	3986	3986
30	3716	3713	3721	3721	3728
40	3500	3496	3517	3534	3551
45	3376	3372	3397	3421	3446
50	3251	3247	3276	3296	3316
55	3117	3112	3137	3139	3165
60	2974	2968	2980	2974	2997
65	2828	2825	2814	2797	2821
70	2683	2671	2641	2603	2628
75	2524	2479	2429	2379	2401
80	2339	2239	2172	2081	2106
85	2089	1857	1725	1542	1575

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	96	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	74	80	76	73	71	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	70	66	62	60	60
R	4	83	71	63	81	70	62	56	68	61	55	65	59	54	63	58	53	51	51
C	5	77	64	55	75	63	54	48	61	53	48	59	52	47	57	51	47	45	45
R	6	71	58	49	69	57	48	42	55	47	42	53	47	42	52	46	41	39	39
	7	66	52	44	64	52	43	37	50	43	37	49	42	37	47	41	37	35	35
	8	61	48	39	60	47	39	34	46	39	33	45	38	33	43	37	33	31	31
	9	57	44	36	56	43	36	30	42	35	30	41	35	30	40	34	30	28	28
	10	54	41	33	52	40	33	28	39	32	27	38	32	27	37	31	27	25	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: _____

LUMINAIRE: VSY24-35VLHE-EDU
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 2' x 4' Led with acrylic diffuser
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 DATE: 6/13/2019

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	2758*	2758	2758	2758	2758
2.5	2751	2755	2755	2755	2751
5.0	2741	2744	2745	2744	2740
7.5	2722	2724	2725	2723	2720
10.0	2695	2697	2697	2695	2692
12.5	2661	2663	2663	2659	2657
15.0	2621	2621	2622	2617	2615
17.5	2572	2572	2572	2568	2566
20.0	2516	2516	2516	2512	2510
22.5	2455	2453	2455	2451	2450
25.0	2385	2384	2386	2383	2383
27.5	2309	2307	2311	2309	2311
30.0	2227	2225	2230	2230	2234
32.5	2140	2138	2145	2147	2152
35.0	2049	2047	2055	2058	2066
37.5	1953	1951	1961	1967	1976
40.0	1855	1853	1864	1873	1882
42.5	1755	1753	1764	1774	1785
45.0	1652	1650	1662	1674	1686
47.5	1550	1548	1561	1572	1584
50.0	1446	1444	1457	1466	1475
52.5	1342	1339	1352	1357	1366
55.0	1237	1235	1245	1246	1256
57.5	1132	1130	1139	1137	1147
60.0	1029	1027	1031	1029	1037
62.5	927	925	926	922	930
65.0	827	826	823	818	825
67.5	729	727	722	715	722
70.0	635	632	625	616	622
72.5	543	538	529	520	524
75.0	452	444	435	426	430
77.5	365	355	346	335	339
80.0	281	269	261	250	253
82.5	202	188	179	169	171
85.0	126	112	104	93	95
87.5	57	43	38	37	39
90.0	2	1	1	1	1

*MAXIMUM CANDELA VALUE