

LUMINAIRE: VSY14-40VLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
BALLAST: XI050C140V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 6788
WATTS: 48.66
MOUNTING: Recessed
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.21 90° = 1.23
LUMINOUS OPENING IN FEET
 LENGTH: 3.91
 WIDTH: 0.87
 HEIGHT: 0.00

TEST #19.01011
 DATE: 6/11/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 139

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

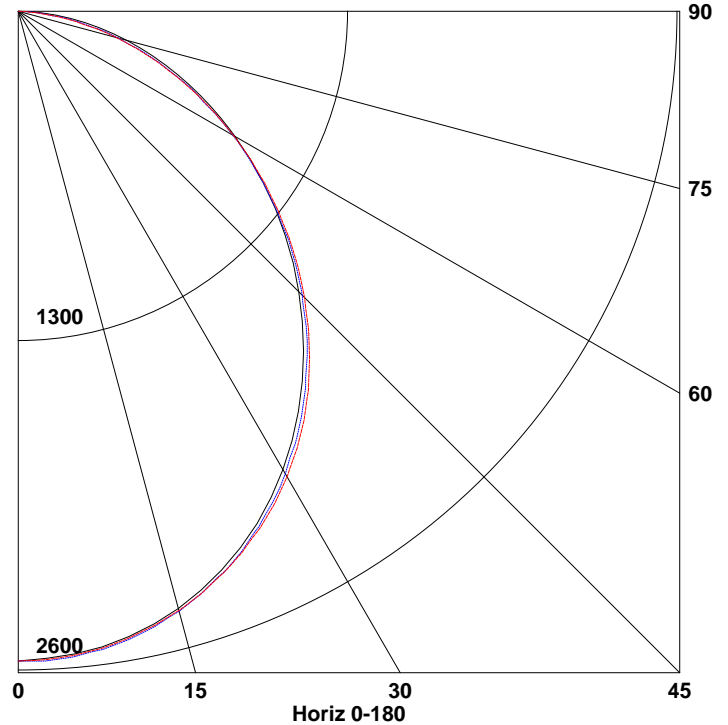
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1965	28.9	28.9
0-40	3182	46.9	46.9
0-60	5460	80.4	80.4
0-90	6788	100.0	100.0
0-180	6788	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	8113	8113	8113	8113	8113
30	7629	7640	7699	7713	7750
40	7233	7245	7328	7348	7390
45	7003	7017	7093	7102	7147
50	6769	6784	6823	6828	6877
55	6515	6521	6515	6521	6565
60	6246	6234	6189	6170	6215
65	5975	5915	5840	5788	5833
70	5699	5570	5468	5366	5412
75	5392	5147	5000	4866	4903
80	5029	4629	4392	4173	4209
85	4538	3740	3340	2905	2905

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	79	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	67	60	55	65	59	54	63	58	53	51	51
C	5	77	64	55	74	63	54	48	61	53	48	59	52	47	57	51	47	44	44
R	6	71	58	49	69	57	48	42	55	47	42	53	46	41	52	46	41	39	39
	7	66	52	44	64	51	43	37	50	42	37	48	42	37	47	41	37	35	35
	8	61	48	39	60	47	39	33	46	38	33	45	38	33	43	37	33	31	31
	9	57	44	36	56	43	35	30	42	35	30	41	35	30	40	34	30	28	28
	10	54	41	33	52	40	32	27	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: VSY14-40VLHE-EDU
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1' x 4' Led with acrylic diffuser

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	2564	2564	2564	2564	2564
2.5	2556	2559	2566*	2559	2561
5.0	2546	2549	2556	2550	2551
7.5	2530	2533	2540	2533	2535
10.0	2506	2509	2517	2510	2512
12.5	2476	2479	2487	2481	2483
15.0	2440	2442	2451	2445	2448
17.5	2396	2399	2408	2403	2408
20.0	2346	2350	2360	2355	2361
22.5	2291	2295	2306	2303	2310
25.0	2230	2233	2245	2245	2253
27.5	2162	2165	2179	2180	2190
30.0	2088	2091	2107	2111	2121
32.5	2010	2013	2030	2036	2047
35.0	1927	1930	1949	1956	1967
37.5	1841	1844	1863	1871	1881
40.0	1751	1754	1774	1779	1789
42.5	1659	1662	1681	1684	1694
45.0	1565	1568	1585	1587	1597
47.5	1472	1474	1487	1489	1499
50.0	1375	1378	1386	1387	1397
52.5	1279	1281	1284	1285	1293
55.0	1181	1182	1181	1182	1190
57.5	1084	1084	1079	1078	1086
60.0	987	985	978	975	982
62.5	892	887	878	873	879
65.0	798	790	780	773	779
67.5	705	693	684	674	680
70.0	616	602	591	580	585
72.5	528	510	499	487	491
75.0	441	421	409	398	401
77.5	357	336	324	311	314
80.0	276	254	241	229	231
82.5	199	176	164	151	153
85.0	125	103	92	80	80
87.5	57	38	31	28	29
90.0	2	1	1	1	1

*MAXIMUM CANDELA VALUE