

LUMINAIRE: VSY14-30VLHE-EDU
 Versify™ Architectural Edge Lit, Recessed Architectural
 1' x 4' Led with acrylic diffuser
 Data Scaled from Test# 19.01011
BALLAST: XI050C140V054BST1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 6517
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 #23399

DATE: 6/11/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 134

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

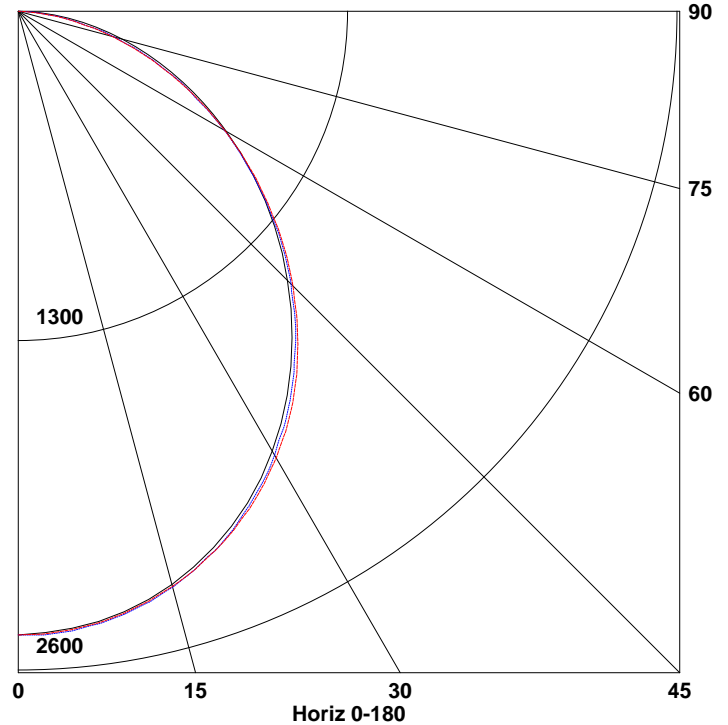
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1886	28.9	28.9
0-40	3055	46.9	46.9
0-60	5242	80.4	80.4
0-90	6517	100.0	100.0
0-180	6517	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	7787	7787	7787	7787	7787
30	7322	7333	7392	7406	7439
40	6944	6956	7035	7055	7092
45	6721	6735	6811	6820	6860
50	6498	6513	6552	6557	6601
55	6256	6262	6256	6262	6300
60	5999	5987	5943	5924	5968
65	5735	5675	5608	5556	5601
70	5468	5348	5246	5153	5200
75	5172	4939	4805	4670	4707
80	4829	4446	4209	4009	4045
85	4357	3594	3195	2796	2796

INDOOR CANDELA PLOT



0.0 ——— 45.0 ——— 90.0 ———

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	82	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	34	60	47	39	33	46	38	33	45	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: _____

LUMINAIRE: VSY14-30VLHE-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	2461	2461	2461	2461	2461
2.5	2454	2457	2463*	2457	2459
5.0	2444	2447	2454	2448	2449
7.5	2429	2432	2438	2432	2434
10.0	2406	2409	2416	2410	2412
12.5	2377	2380	2388	2382	2384
15.0	2342	2344	2353	2347	2350
17.5	2300	2303	2312	2307	2312
20.0	2252	2256	2266	2261	2267
22.5	2199	2203	2214	2211	2218
25.0	2141	2144	2155	2155	2163
27.5	2076	2078	2092	2093	2102
30.0	2004	2007	2023	2027	2036
32.5	1930	1932	1949	1955	1965
35.0	1850	1853	1871	1878	1888
37.5	1767	1770	1788	1796	1806
40.0	1681	1684	1703	1708	1717
42.5	1593	1596	1614	1617	1626
45.0	1502	1505	1522	1524	1533
47.5	1413	1415	1428	1429	1439
50.0	1320	1323	1331	1332	1341
52.5	1228	1230	1233	1234	1241
55.0	1134	1135	1134	1135	1142
57.5	1041	1041	1036	1035	1043
60.0	948	946	939	936	943
62.5	856	852	843	838	844
65.0	766	758	749	742	748
67.5	677	665	657	647	653
70.0	591	578	567	557	562
72.5	507	490	479	468	471
75.0	423	404	393	382	385
77.5	343	323	311	299	301
80.0	265	244	231	220	222
82.5	191	169	157	145	147
85.0	120	99	88	77	77
87.5	55	36	30	27	28
90.0	2	1	1	1	1

*MAXIMUM CANDELA VALUE