

LUMINAIRE: VSY14-35VLHE-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: 6672
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 #23400
 DATE: 6/11/2019

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 137

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.76
BASED ON 3000 HRS. AND \$.08 PER KWH

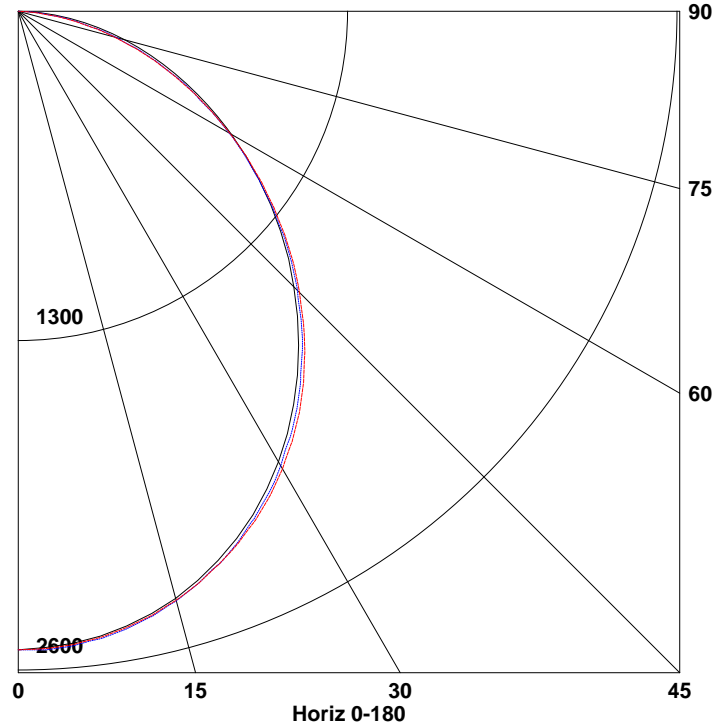
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	1932	28.9	28.9
0-40	3128	46.9	46.9
0-60	5367	80.4	80.4
0-90	6672	100.0	100.0
0-180	6672	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	7974	7974	7974	7974	7974
30	7501	7509	7567	7582	7618
40	7109	7121	7204	7225	7266
45	6882	6896	6972	6981	7026
50	6656	6670	6705	6710	6759
55	6405	6410	6405	6410	6455
60	6139	6126	6082	6063	6107
65	5870	5818	5743	5690	5735
70	5607	5477	5375	5274	5320
75	5306	5062	4915	4780	4817
80	4938	4556	4319	4100	4137
85	4466	3667	3268	2868	2868

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	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	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: VSY14-35VLHE-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	2520	2520	2520	2520	2520
2.5	2513	2516	2522*	2516	2517
5.0	2503	2506	2513	2507	2508
7.5	2487	2490	2497	2490	2492
10.0	2463	2466	2474	2467	2469
12.5	2434	2437	2445	2439	2441
15.0	2399	2400	2409	2403	2406
17.5	2355	2358	2367	2362	2367
20.0	2306	2310	2320	2315	2321
22.5	2252	2256	2267	2264	2271
25.0	2192	2195	2207	2207	2215
27.5	2125	2128	2142	2143	2153
30.0	2053	2055	2071	2075	2085
32.5	1976	1979	1995	2001	2012
35.0	1894	1897	1916	1923	1934
37.5	1810	1813	1831	1839	1849
40.0	1721	1724	1744	1749	1759
42.5	1631	1634	1652	1655	1665
45.0	1538	1541	1558	1560	1570
47.5	1447	1449	1462	1464	1474
50.0	1352	1355	1362	1363	1373
52.5	1257	1259	1262	1263	1271
55.0	1161	1162	1161	1162	1170
57.5	1066	1066	1061	1060	1068
60.0	970	968	961	958	965
62.5	877	872	863	858	864
65.0	784	777	767	760	766
67.5	693	681	672	663	668
70.0	606	592	581	570	575
72.5	519	501	491	479	483
75.0	434	414	402	391	394
77.5	351	330	318	306	309
80.0	271	250	237	225	227
82.5	196	173	161	148	150
85.0	123	101	90	79	79
87.5	56	37	30	28	29
90.0	2	1	1	1	1

*MAXIMUM CANDELA VALUE